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DOCUMENTS
OF THE
CITY OF BOSTON,
FOR THE YEAR 1912.
IN FOUR VOLUMES.

VOLUME I.

CONTAINING DOCUMENTS FROM NO. 1 TO NO. 16, INCLUSIVE.

Published by Order of the City Council.



CITY OF BOSTON
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CONTAINING CITY DOCUMENTS FROM NO. 1 TO NO. 16, INCLUSIVE.

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ADDRESS OF JOHN F. FITZGERALD, MAYOR
OF BOSTON, TO THE CITY COUNCIL.

Gentlemen of the City Council,—We are all, governments and individuals, caught more or less in the current of things and swept along by tendencies which we do not control. From time to time we stand aside, on the bank, as it were, of the stream, and survey with astonishment the distance we have traveled from our starting point. We find that our ideas have changed and that we ourselves are new men. Miracles have become commonplaces, the facts of to-day were yesterday's dreams, and we, sober and practical legislators, are giving shape to the policies of those whom the world awhile ago styled visionaries.

In the time of Jefferson the whole theory of democratic government was an experiment. Three or four years ago the innovations of the charter amendment act seemed dangerous to many patriotic citizens. To-day, midway in the new administration, with which you have nearly all been continuously associated, the stream of tendency has carried us still farther forward, and we accept as matters of course methods and propositions which have heretofore been regarded as radical. In this review of things accomplished and forecast of a future program, which it is my privilege to present to you to-day, I may place

one or two novel remedies before you. In doing so, I am confident you will agree that the evils they are aimed to correct demand heroic treatment.

FINANCIAL STATEMENT.

At the basis of all our activities lies the problem of revenue and expenditure. Scrutinized in this aspect, our administration will not suffer when compared with that of our predecessors or with those of other American cities. Though we spent nearly \$1,250,000 of tax money last year on the new City Hall Annex and land and buildings for schools, yet the tax rate of the city was maintained at the figure of the previous year, which was the lowest but two of all the cities in the state and about \$3 lower than the average tax rate among the cities of the metropolitan district. Moreover, out of this moderate levy we have made public improvements which, if financed by the methods of former years, would have added materially to the city debt. Among the more important of these were the playgrounds in East Boston and Roxbury, the branch libraries in Charlestown and East Boston, and the municipal building in Ward 7. Our ability to do this was due in part to the generous surplus left over from the preceding year, and in part to the unexpected capture of a round half million dollars representing the taxes upon the Shaw estate. This year we expect to have a surplus of over a million dollars, and will continue to pursue the tax dodgers with every legitimate weapon at our command.

The net debt has been nominally increased by a little over half a million dollars; but this includes an increase of more than three-quarters of a million due to the annexation of Hyde Park and of \$671,000 in the rapid transit debt. The net city debt, taken by itself, shows a decrease of nearly \$400,000.

Of the borrowing capacity, estimated at \$3,780,983.47 on February 15, 1911, there re-

mained intact on December 31 of the same year \$748,983.47. The estimated borrowing capacity for the coming year will be \$3,694,105.28, but, as usual, a large portion of this is pledged in advance for appropriations which are of a permanent or recurrent nature. The high pressure fire system, the proposed buildings for contagious diseases at the City Hospital, the new buildings at Long Island, the children's ward at the Consumptives' Hospital, the settlement of a long outstanding claim of the New York, New Haven & Hartford Railroad for damages due to the construction of the Cove Street Bridge, and the regular loans for sewer, street and schoolhouse construction, would of themselves, to say nothing of demands which we cannot now anticipate, all but exhaust our resources within the limit imposed by law. The needs of the city for street construction, upon which I shall touch in another part of this address, call for liberal expenditures, for which provision must inevitably be made by borrowing.

NEW SOURCES OF REVENUE.

Certain serious aspects of our financial situation must, in my opinion, be frankly stated and squarely faced. With the steady increase in the proportion of tax money which must be appropriated for the support of schools goes a corresponding reduction in the proportion which can be devoted to the other departments of the government. This reduction is offset to some extent by the increase in valuation, but on this side, too, we are confronted by the perennial elusiveness of personal property, and by the difficulty of determining with precision the true valuation of real estate. As the functions of the government expand, more revenue is required. We look for relief in various directions and find that there are as many minds as men.

One official body counsels us to reduce expenditures, while other advisers would favor an increase

of the tax limit. Methods of scientific assessment upon real estate, such as the Somers plan, which aim at an equalization, if not an increase, of valuations, are discussed by municipal economists. Finally, the more daring thinkers in this field propose a sweeping overturn of established methods through the adoption of the income tax and the tax upon unearned increments, which are in vogue in Germany and England. While the year upon which we embark to-day will probably not see this question decided, I have thought it advisable to petition the Legislature to investigate the single tax and feel sure that at the end of another twelvemonth we shall be in the midst of the campaign of education which always precedes radical reforms.

Another phase of the financial question may properly be presented here, even at the risk of reiteration. Nearly every Mayor of Boston has had occasion to protest against the burdens placed upon the city by the policy of the Massachusetts Legislature. This year I have introduced several bills aiming to correct this injustice and trust that they will receive fair play. I have asked that the cost of the tuberculosis hospital and of the Normal School be defrayed by the state, that automobile fees and fines be distributed so that Boston and the metropolitan district shall receive a proper share, that the quarter of the liquor fees now taken by the state be retained by the cities and towns, that a reasonable percentage of the court and courthouse expenses for Suffolk County be paid by the Commonwealth, and that the taxes levied upon public service corporations be distributed to the cities and towns in which the business is carried on. Should any or all of these measures be adopted, our income would be largely increased, and necessary public improvements could be made without hardship to the taxpayers.

REVIEW OF THE YEAR.

In my address last year I touched upon certain improvements which I deemed important. It

gives me a certain satisfaction to remind you that many of these have been carried out. The Chelsea North Bridge, for example, is to be constructed on plans approved by the War Department for a sum far less than that which was anticipated, and the expense is to be divided between Boston and other cities as well as the street railways that will derive benefit from its construction. Provision has been made for the high pressure system for fighting fires. The plans for the City Hall Annex are completed. The annual loan for a separate system of drainage has been reduced by about \$300,000. A loan order has been passed for the widening of Pleasant street. New municipal buildings are under way in Ward 7, South Boston and East Boston, and the gymnasiums in the West End, Charlestown, Jamaica Plain and East Boston will soon be in operation with a full equipment of apparatus and instructors. The pension system has been enlarged so as to include veterans of the Civil War and laborers. A notable increase in transportation facilities will be made through the construction of new subways. The installation of water meters has proceeded at the prescribed rate of 5 per cent each year, but, believing that equal treatment to consumers as well as the conservation of the water supply demand the metering of the entire city within a few years, I have introduced a bill in the Legislature which makes possible a more rapid rate of progress. The Metropolitan Park Commission has responded to the appeal for improvements in the Charles River Basin which will lead to a wider use of that water park. In every one of these matters we are able to report substantial achievement or auspicious beginnings.

A mere catalogue of the public utilities established and the new forms of service created by the Mayor and the City Council during the past year would exhaust my time and, I fear, your patience. I shall content myself with reciting a few of the larger things.

This year has seen the opening of a branch library in Jamaica Plain, and the passage of appropriations for branch libraries in the North End, East Boston and Charlestown, together with a reading room in the new South Boston Municipal Building. Appropriations have been made for new playgrounds in Charlestown, East Boston, Dorchester, Roxbury, Forest Hills, Brighton and Mattapan, and two former appropriations have been combined so as to provide a proper sum for a playground in the South End. Convenience stations have been established at congested points in the different sections of the city as well as in a number of the smaller parks. To have satisfied in so large a measure the demand for libraries, playgrounds and convenience stations in the different sections seems to me a result on which we may fairly congratulate ourselves.

The vexed questions of street lighting and of disposal of refuse and garbage appear to be on a fair way to settlement. Work has been done on the Zoological Garden, the Aquarium and the Parkman Memorial Bandstand, so that all three will be dedicated this year. An appropriation amounting to nearly \$200,000 has been made for the Meridian Street Bridge, and other bridges of the city have received a large share of attention. The group of institutions which the city maintains on the islands of the harbor have been visited and generous provision has been made for the buildings which are in need of renovation or extension. The appropriations for Deer Island, Long Island and Gallop's Island have totaled about \$140,000. Governor's Island has been accepted from the United States government as a city park and a beginning has been made upon its development for this purpose by an appropriation of \$20,000.

In the Health Department notable progress has been made in the field of school inspection and the regulation of the milk supply. The plans for the

High School of Commerce are now complete and this building will be started about April first on a site in the Back Bay Fens. It will be finished in the early part of 1913, and will accommodate 1,000 pupils. Among the most important street widenings and extensions are those for Pleasant, Norfolk, Union Park and Sachem streets, the first named street calling for an appropriation of \$900,000 outside of the debt limit. More than fifteen miles of artificial sidewalk have been laid, and legislation has been asked for which would make the laying of ten miles of such sidewalk compulsory every year. The streets of the city, which will be greatly improved by this policy, have been still further beautified by tree planting on a scale hitherto unknown. As a result of an appropriation of \$30,000 for this purpose trees will be planted for several miles along Commonwealth, Dorchester, Blue Hill and Louis Pasteur avenues and Bennington Boulevard. The work of moth destruction has been carried on successfully with an appropriation of \$85,000. Numerous park improvements have been made, partly from the income of the Parkman Fund and partly from appropriations. Among these the most noteworthy undertaking has been the renovation of the soil and the installation of an irrigation system over a large portion of the Common. Playground improvements, taking the form of locker buildings, shelters and grading operations, have been made at Charlestown Heights, Copp's Hill, Franklin Field, Forest Hills Playground, Savin Hill Playground, the Fenway and elsewhere. The matter of a public landing, which is of general interest, has been carefully studied and is now before the Board of Directors of the port of Boston.

It would be tedious to prolong this list but I may say, in general, that not a single department in the city is marking time but all are progressing toward the goal of wider service to the people and higher efficiency.

WORK TO BE ACCOMPLISHED.

There remain many public enterprises of equal or greater importance which have not yet passed beyond the stage of investigation and discussion. Among these I should like to lay particular stress upon the consolidation of the park and recreation activities of the city into a new department. I have advocated this not solely for reasons of economy but because I look for better results through a simpler and more compact organization. It is generally admitted that our playground equipment, with the additions which are to be made, is not surpassed by that of any other city, but something has halted the development of this work and Boston no longer enjoys the primacy in a field in which she was the pioneer. Should this consolidation be effected, as I trust it will, the Parkman house on Beacon street could be used as an office building for the new department. In any event, I renew my request that the home of this great benefactor of the city be retained for some public purpose.

It is my intention to recommend once more a loan for the extension of Arlington street, as I am convinced that the failure of the City Council to pass the order recommended by me betrayed a lack of appreciation of the urgency of this step. Other street propositions of even wider scope are now before the Legislature, involving the construction of a teaming thoroughfare between the North and South Stations, a new street between Washington and Tremont streets from Hanover to Boylston street, and the widening and extension of Avery street and Hamilton place. I suggest that the City Council lend its support to these measures, provided they seem worthy of your approval.

The question of fire prevention, one of the gravest problems that claim the attention of the American people, is before the city government and the general court in several of its numerous

phases. Bills are now under consideration by the Legislature which would secure safety in the construction of buildings, while the City Council will undoubtedly take up the question of extending the building limits, so that the more inflammable types of construction may be forbidden or restricted to certain sections, and the question of substituting motor apparatus in place of the slower horse-drawn vehicles now in use. Improvements in the fire alarm service have also been recommended. I trust that as a result of investigations made by the Chamber of Commerce, the Real Estate Exchange and Auction Board, and the special fire hazard commission appointed by me, some definite plan may be adopted and the fire service of the city put upon a basis of greater security. The building laws need strengthening, not only for protection against fire but for the establishment of decent housing conditions and for safety in construction. While this may not be strictly a matter for action by the City Council, your cooperation in such steps as I may take through appeals to the Legislature and instructions to the Building Commissioner will be of public advantage.

The work of the Board of Health needs to be still further extended so that the school nurses and examining physicians may be brought under one jurisdiction. A bill now before the Legislature, placing the nurses under the Board of Health, offers the only logical solution of this difficulty and deserves, in my opinion, your cordial support. The need of municipal buildings in other sections of the city has found expression in resolutions passed by the local improvement associations and in other ways. Your honorable body will doubtless consider during the year the claims of Roxbury, Brighton and West Roxbury to buildings similar to those which are now in process of construction.

The question of improving conditions at Rainsford Island is complicated by the uncertainty as to the form which these improvements should

take. No one doubts that the boys in the Suffolk School require buildings with modern conveniences, but whether they should be erected on the limited space at Rainsford Island or somewhere on the mainland, or whether the institution should be abandoned and these boys turned over to the care of the state, are questions upon which there is still a decided difference of opinion.

An attempt was made last year to provide funds for the use of school buildings for social and educational purposes outside of school hours, but legal difficulties were encountered and no way was found of circumventing the obstacles which arose. The bill now before the Legislature, which grants the School Committee two cents additional upon every thousand dollars of valuation for this particular object, removes these difficulties and will, I doubt not, be accepted by the City Council if a referendum clause is attached.

The annexation of Hyde Park, which was effected by a vote of the citizens of both municipalities, has increased the population of the city and at the same time added to our responsibilities. The work of reorganizing the departments has gone on apace and it is already evident that the financial advantage is mainly on the side of our former neighbor, now Ward 26. In the water division alone the net loss to the city by this annexation may be estimated at over \$30,000, due mainly to the fact that the Hyde Park water rates have been so much higher than those of Boston. In the school, fire, police and other departments, wages have been raised and the service brought up to the metropolitan standard. It is due to this annexation, also, as I have already pointed out, that our net debt shows an increase instead of a decrease. All this means extra taxation, but the experiment is well worth while since it affords us a definite example of what we may expect from the annexation of other places whose destiny, some think, is to be absorbed in the future metropolitan city. The net cost of Ward 26 to the City of Boston will far

exceed the revenue derived from it. This is also true of many of the other outlying wards and, while the fact is by no means conclusive, it should be considered when demands are made in these sections for an extension of public utilities.

CONCLUSION.

The estimates for the city departments have been carefully compiled and show the usual tendency among zealous officials to outrun the resources of the city. This tendency is not wholly to be condemned, since it is evident that the men in charge are ambitious to promote the particular work assigned to them. Within a short time I shall have completed my studies of the budget and will lay it before you well within the period prescribed by the city charter. This is the first question upon which we shall deliberate together, and no other act of the city government throughout the year will equal in importance this general appropriation order fixing the pecuniary boundaries within which each department must conduct its operations.

I have referred to novelties and innovations. I do not forget, however, that the best things in the world are stable and that perpetual change is the mark of a frivolous and irreverent people. There is, I believe, no extreme Left or Right in this parliament. Boston radicals have generally halted this side of fanaticism and their partisanship falls short of bigotry. We shall differ, no doubt, on many lesser and some greater issues, but on the main issue of an earnest desire to maintain the laws and serve the people who have honored us with their trust we all stand together. There is no need of reiterating a common sincerity of purpose, to question which, even in the lightest degree, would be impertinent. I extend to the new member a cordial welcome to our ranks and trust that my relations with the whole City Council will be as pleasant and profitable as they have been during the past two years.

APPENDICES.

CITY AND COUNTY FUNDED DEBT.

	Gross Debt.	Sinking Funds, etc.	Net Debt.
City debt . . .	\$91,056,556 00	\$36,672,234 83	\$54,384,321 17
County debt . . .	3,874,333 33	1,461,051 93	2,413,281 40
Water debt . . .	3,712,500 00	2,967,761 74	744,738 26
	<u>\$98,643,389 33</u>	<u>\$41,101,048 50</u>	<u>\$57,542,340 83</u>
Rapid transit debt .	18,398,700 00	2,466,808 18	15,931,891 82
	<u>*\$117,042,089 33</u>	<u>\$43,567,856 68</u>	<u>\$73,474,232 65</u>

* Includes \$545,333.33 issued by the Commonwealth under chapter 534 of the Acts of 1906.

INCREASE OF DEBT IN 1911-12.

GROSS FUNDED DEBT.

	City Debt.	County Debt.	Water Debt.	Rapid Transit Debt.	Total.
January 31, 1912.....	\$91,056,556 00	\$3,874,333 33	\$3,712,500 00	\$18,398,700 00	†\$117,042,089 33
January 31, 1911.....	90,409,956 00	3,881,333 33	3,328,500 00	17,454,700 00	115,074,489 33
Increase.....	\$646,600 00	*\$7,000 00	\$384,000 00	\$944,000 00	\$1,967,600 00

NET FUNDED DEBT.

	City Debt.	County Debt.	Water Debt.	Rapid Transit Debt.	Total.
January 31, 1912.....	\$54,384,321 17	\$2,413,281 40	\$744,738 26	\$15,931,891 82	\$73,474,232 65
January 31, 1911.....	54,773,985 38	2,507,677 10	386,765 45	15,260,222 58	72,928,650 51
Increase.....	*\$389,664 21	*\$94,395 70	\$357,972 81	\$671,669 24	\$545,582 14

* Decrease.

† Includes \$753,850 Hyde Park debt assumed by annexation.

RIGHT TO BORROW IN 1912.

Total funded debt, city and county, January 31, 1912	\$117,042,089	33
Less special loans (outside of limit)	\$58,343,500	00
Water debt	3,712,500	00
County debt (outside of limit)	3,466,333	33
	<u>65,522,333</u>	33
	\$51,519,756	00
Sinking funds	\$42,372,544	95
Less:		
Special loans sinking funds	\$18,452,907	86
Water sinking fund	2,955,195	94
County Courthouse sinking fund	1,461,051	93
	<u>22,869,155</u>	73
	\$19,503,389	22
Premium on loans	\$76,352	31
Less premium on water loans	12,565	80
	<u>63,786</u>	51
	19,567,175	73
Debt, excluding debts outside of limit and deducting sinking funds for said debt	<u>\$31,952,580</u>	27
Two and one-half per cent on \$1,403,848,440, average valuation for three years, less abatements	\$35,096,211	00
Debt as above	31,952,580	27
	<u>\$3,143,630</u>	73
March 1, 1912, interest on investments	472	50
April 1, 1912, interest on investments	111,315	65
May 1, 1912, interest on investments	2,030	00
May 30, 1912, interest on investments	4,470	00
June 1, 1912, interest on investments	20,701	25
July 1, 1912, interest on investments	186,179	13
September 1, 1912, interest on investments	472	50
October 1, 1912, interest on investments	110,995	65
November 1, 1912, appropriation for sinking funds for debt inside debt limit	930,854	00
November 1, 1912, interest on investments	2,030	00
November 30, 1912, interest on investments	4,470	00
December 1, 1912, interest on investments	20,701	25
January 1, 1913, interest on investments	184,819	13
January 1, 1913, interest on bank deposits	30,000	00
Serial bonds paid from taxes	331,463	49
	<u>\$5,084,605</u>	28
Less loans authorized but not issued (inside debt limit)	1,390,500	00
Right to borrow	<u>\$3,694,105</u>	28





ANNUAL REPORT
OF THE
ART DEPARTMENT
FOR THE
YEAR ENDING JANUARY 31, 1912.

BOSTON, February 1, 1912.

HON. JOHN F. FITZGERALD,

Mayor of the City of Boston:

SIR,— The Board of Art Commissioners respectfully submits the following report for the year ending January 31, 1912:

Certain business begun during the preceding year has been carried forward as follows.

The committee appointed last year to secure a design for a commemorative bronze tablet to be erected on Boston Common found that the design and the placing of such a tablet involved problems requiring professional assistance for their solution. Mr. R. Clipston Sturgis has accordingly been engaged to consider a site and draw a design. He has submitted sketches which have been considered by this commission, and has since been requested to submit more detailed drawings.

A site having been approved last year for a watering trough offered to the city by the Massachusetts Society for the Prevention of Cruelty to Animals, designs for

this watering trough have been submitted by Messrs. Coolidge & Carlson. These designs have been accepted.

Arrangements having been made last year for the relocation of the Edward Everett statue, formerly standing in the Public Garden, this commission advertised for bids for the moving of the statue and for setting it up in Edward Everett square, Dorchester. The contract, awarded to the lowest bidder, was satisfactorily carried out. The Park Department, at the suggestion of this commission, has since admirably arranged the shrubbery around the statue.

The medallion of the late Mayor Hibbard, ordered from Mr. Richard E. Brooks during the last year, was delivered in due time. The medallion was approved, but the frame found unsatisfactory. A new frame was furnished and subsequently approved.

Mr. Pratt having requested the commission to pass on his designs for his statues for the front of the Boston Public Library, the small designs and the full-sized models were carefully studied; the commission approved the full-sized models, but did not give its approval to the proposed method of relating them to the existing pedestals. The commission was of the opinion that more study should be given to this aspect of the problem, and that such further study should be made in consultation with the architects of the building. It having been suggested that the placing of a full-sized model of one of the figures in the proposed position would facilitate judgment upon the relation of the figures to the pedestals, Mr. Pratt agreed to this measure. It was hoped that the models would be ready about October 1. Delays in the casting of Mr. Pratt's figures, however, will prevent his placing one of them tentatively in connection with one of the pedestals until this spring.

The competition organized last year for a design for the Parkman Music Pavilion on Boston Common resulted in the submission of a number of excellent designs. At a joint meeting of the Art, Music and Public Grounds Departments, at the office of this commission, these designs were considered, and the design numbered "7" was unanimously chosen. The envelopes containing the names of the bidders were then opened by Mr. Brooks of the Music Department, and the firm submitting the design chosen was found to be Messrs. Derby, Robinson & Shepard, of 20 Beacon street, Boston. At



WASHINGTON AT DORCHESTER HEIGHTS.

By Gilbert Stuart.

(See page 12.)



FANEUIL HALL.

The West End, Showing the Windows and Pilasters.

a subsequent joint meeting of the Music and Art Departments, at which the architects, Mr. Olmsted and Professor Sabine were also present, Mr. Olmsted suggested a site for the pavilion. This site was unanimously adopted, and was agreed to by the Public Grounds Department. Finished drawings executed by the architects were later considered by this commission, and the reconstructed design was approved.

An additional appropriation having been granted to this commission for the purpose of cleaning, restoring and rehanging the paintings in Faneuil Hall, as suggested by your Honor during the preceding year, this commission carefully studied the arrangement of the paintings and agreed on their relocation. Bids for the proposed work were obtained from three of the best experts in this city, and a provisional agreement made with the lowest bidder, Mr. F. W. Bayley. Further study of the problem showed that it was impossible properly to relate the painting "Webster's Reply to Hayne" to the architecture of the building without substituting a new and somewhat narrower frame. With your Honor's permission, a contract covering the additional work, as well as the cost of the necessary bonds and insurance, was awarded to Mr. Bayley. On January 19, 1912, the work under this contract was accepted as complete.

This commission is of the opinion that the freeing of the balcony rails from pictures, advocated a year ago, has proved itself a great advantage, and that the reframing of the Webster painting has at last made possible a true appreciation of the architectural significance of the west end of the hall.

At the request of the Superintendent of Public Buildings, this commission also considered designs for new chairs for Faneuil Hall. A modified form of chair was specially manufactured and was found satisfactory. While the paintings were removed from the hall for the purpose of cleaning, varnishing, etc., the Superintendent of Public Buildings asked the assistance of this commission in drawing up specifications for the repainting of the interior and in the selection of painters to bid for the work. A committee of this commission spent much time in helping to secure a satisfactory repainting of the interior. At the request of the Superintendent of Public Buildings the work was inspected when complete, and was approved by this commission.

The Superintendent of Public Buildings having asked this commission's opinion as to the desirability of removing the paint from the exterior walls of Faneuil Hall, it has been unanimously *Voted*: That this commission heartily approve the above suggestion. In the opinion of this commission the removal of the paint from the exterior of this interesting brick building will restore its original character as completely as the similar removal of paint has restored the character of the Old State House.

This commission has been glad to take action proposed by the City Council as follows:

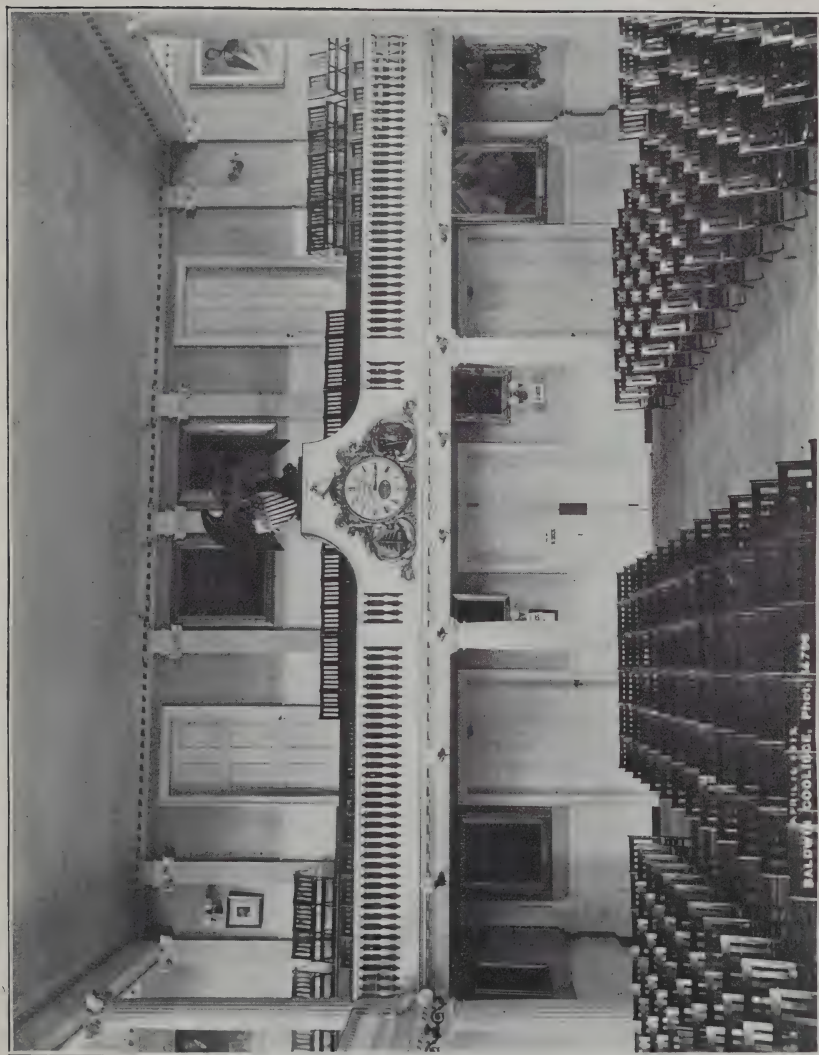
Pursuant to an order of the City Council, March 20, 1911, appropriating \$1,500 to be spent by the Art Department, under the direction of the Mayor, to meet the expenses of an exhibit at the Philadelphia City Planning Exhibition, Mr. Irving T. Guild was engaged to organize and install this exhibit, under the supervision of this commission.

This commission afterward requested a special appropriation of \$350 for the purpose of making an exhibit at the International Municipal Congress and Exposition to be held in Chicago. At your Honor's recommendation this appropriation was provided, and an exhibit similar to that shown in Philadelphia was collected and put in place.

Pursuant to an order of the City Council asking, through your Honor, that this commission express an opinion as to the best disposal of the portico of the Old Court House, a committee conferred with your Honor's special committee on the above subject; and this commission reported to your Honor on the conclusions reached.

Pursuant to an order of the City Council providing for the transfer of the painting of Major Robert Anderson by the Superintendent of Public Buildings, with the approval of this commission, a special committee examined the portrait and arranged to have it rehung in the committee room at City Hall.

Pursuant to an order of the City Council authorizing this commission to place a memorial tablet on the home of the late George F. Parkman, Messrs. Derby, Robinson & Shepard, architects of the Parkman Music Pavilion, have been employed to consider the site and design a tablet.



FANEUIL HALL.

The East End, Showing the Relocation of Paintings.



FANEUIL HALL.

The West End, Showing the Relocation of Paintings.

The City Council having appropriated \$2,000 to be expended by the Commissioner of Public Works, with the approval of the Art Commission, for a memorial fountain at Post Office square, this commission awaits the submission of designs.

This commission has approved new works of art offered to the city during the year, as follows:

Two paintings have been accepted during the year; a decorative painting by Mr. C. E. Mills, at the Franklin Union Building, representing Franklin's signing of the Declaration of Independence, and a decorative painting at the Charlestown High School by Mr. Edward R. Kingsbury.

Mr. Bela L. Pratt's small model of the proposed statue of the late Edward Everett Hale has been viewed by this commission and approved. A site on the Public Garden has been suggested for the statue when completed.

A copy of the late Samuel L. Kitson's bust of Longfellow having been offered for a place in the Boston Public Library, a plaster cast of the bust has been considered and the model approved for a position in Bates Hall, subject to certain modifications in the marble.

A design by Messrs. Cram, Goodhue & Ferguson for a memorial tablet to be erected in the West End Branch Library has been approved by this commission, and the proposed location has also been found satisfactory.

The president of the Boston Committee of the National Dante Alighieri Society having submitted to this commission photographs of a bas-relief memorial of Dante offered by that society for the North End Branch Library, a plaster cast of the proposed monument has been studied at the studio of the sculptor, Mr. Campise. The cast has since been approved, subject to further action in regard to placing and final acceptance.

A design for three identical tablets to be erected in East Boston by the Benjamin Franklin Chapter of the Daughters of the American Revolution has been approved with modifications, and the tablets have been put in place at Chapman, Lyman and Samuel Adams Schools.

In harmony with a long-considered plan of this commission for the relocation of certain statues, and for the providing of new sites for statues to be erected

in the future, Messrs. Olmsted Brothers have submitted a sketch plan for a new mall along Charles street side of the Public Garden. This plan has been submitted to your Honor for consideration, and it is expected that estimates of the probable cost will soon be secured.

In its report last year this commission expressed its opinion that an appropriately illustrated descriptive and historical catalogue of works of art belonging to the city would be in the highest degree desirable. With the help of the "Registry of Local Art" of the Museum of Fine Arts such a catalogue was begun; and the first section, dealing with public monuments, was printed as a part of the report.

The second section, dealing with paintings owned by the city or hung in buildings belonging to the city, is as follows:

LIST OF OIL PAINTINGS AND WATER-COLORS
OWNED BY THE CITY OF BOSTON, OR
HUNG IN BUILDINGS BELONGING TO
THE CITY OF BOSTON.*

City Hall.

COUNCIL CHAMBER.

1. Artist unknown.
Portrait of George Washington (1732-1799).
Three-quarter length figure, seated at a table, on which are papers, books and quill; the head is copied from Gilbert Stuart's "Athenæum" portrait.
Size, 46 inches by 37 inches.
2. Artist unknown.
Portrait of Zachary Taylor (1784-1850).
Three-quarter length standing figure, his right hand resting on a paper on a table; behind him is a chair upholstered in red; statue on a pedestal in the background, at the left.
Size, 49½ inches by 42½ inches.

OFFICE OF THE PRESIDENT OF THE CITY COUNCIL.

3. Artist unknown.
Portrait of Benjamin Austin (1752-1820).
Selectman, 1758, 1765, 1820.
Bust portrait; his shirt is ruffled and he wears a three-cornered hat.
Size, 29½ inches by 24½ inches.

OFFICE OF THE CLERK OF THE CITY COUNCIL.

4. Parker, Edgar (1840-1892).
Portrait of Washington P. Gregg.
Three-quarter length figure, seated by a table, and holding a book in his left hand with his forefinger between the leaves.
Signed with monogram and dated, 1885.
Size, 43¼ inches by 35¾ inches.
5. Ames, Joseph (1816-1872).
Portrait of Major Robert Anderson (1805-1871).
Half-length figure in uniform, with Fort Sumter in the background.
Signed and dated, 1861.
Size, 37 inches by 28½ inches.

AUDITING DEPARTMENT.

6. Artist unknown.
Portrait of Josiah Copeland.
Auditor, 1867.
Bust portrait.
Size, 30½ inches by 24¾ inches.
"Gift of his son over thirty years ago."

* All paintings are in oil on canvas, unless otherwise stated. Measurements are made inside the frame, the height being given first. A few of the paintings, acquired or hung since the creation of this commission, had not been passed upon at the date of this report.

Overseers of the Poor, 43 Hawkins Street.**OVERSEERS' ROOM.**

7. Artist unknown.
Portrait of David Sears, philanthropist.
Oval, bust portrait.
Size, 31 inches by 24½ inches.
"Gift of his family, about forty years ago."
8. Page, Mrs. Marie Danforth.
Copy of a portrait by Sarah H. Whitman; the original is now owned by Robert S. Hale of Boston.
Portrait of George Silsbee Hale (1825-1897).
Former member of the Board of Overseers, and author of "Manual for the Overseers of the Poor."
Half-length figure, wearing a fur coat.
Size, 27½ inches by 23½ inches.
Gift of Mrs. Hale, 1901.

Penal Institutions Department, 32 Tremont Street.

9. Artist unknown.
The department boat, "Monitor"; built in 1904.
Size, 22¼ inches by 36 inches.
Gift of the Lockwood Manufacturing Company, East Boston, 1907.

City Hospital.**WARD T.**

10. Cowdery, Mrs. Eva D.
Portrait of Lamont Giddings Burnham (1844-1902).
Trustee, 1896-1902.
Oval, bust portrait, from a photograph.
Size, 40 inches by 30 inches.
Gift of Mrs. L. G. Burnham, 1909.

Faneuil Hall.**STAIRWAY HALL.**

11. Onthank, Nahum B.
Portrait of Henry Wilson (1812-1875).
Half-length standing figure in a frock coat; he holds a paper in his right hand, with his right forearm raised; with his left hand he holds a book resting on a table covered with a red cloth.
Size, 52¼ inches by 38 inches.
12. Bicknell, Albion Harris (1837-).
Portrait of Anson Burlingame (1820-1870).
Three-quarter length standing figure, wearing a frock coat; his right hand is thrust between the buttons of his coat, and his left hand rests on papers on a table covered with a red cloth.
Size, 60 inches by 40 inches.
13. Hunt, William Morris (1824-1879).
Portrait of John Albion Andrew (1818-1867).
Full-length standing figure, holding a document in his left hand; a red chair on the left, and a square fluted column on the right.
Size, 84 inches by 47¼ inches.

ASSEMBLY HALL.

14. Stuart, Gilbert * (1755-1828).
 Portrait of Commodore Edward Preble (1761-1807).
 Half-length figure in uniform.
 Size, $36\frac{3}{4}$ inches by $29\frac{1}{2}$ inches.
15. Parker, Edgar (1840-1892).
 Rear Admiral John Ancrum Winslow (1811-1873).
 Three-quarter length figure in uniform; his right arm resting
 on a capstan, his head turned in profile to the left.
 Size, $47\frac{1}{4}$ inches by $35\frac{1}{2}$ inches.
16. Artist unknown.
 Portrait of Robert Treat Paine (1731-1814).
 Half-length figure; his head turned to the right, and his right
 hand in his coat.
 Size, 30 inches by 25 inches.
17. Artist unknown.
 Portrait of General Joseph Warren (1741-1775).
 Copy of a portrait by Copley; the original is now owned by
 Dr. John C. Warren, of Boston.
 Half-length figure, wearing a black coat and white waistcoat.
 Size, $29\frac{1}{2}$ inches by $24\frac{3}{4}$ inches.
 Presented to the City of Boston by John Welles, 1827.
18. Ames, Joseph (1816-1872).
 Portrait of Rufus Choate (1799-1859).
 Three-quarter length standing figure; his right arm extended
 slightly to the rear in gesture; his left hand holding a handker-
 chief against his breast.
 Size, 58 inches by 44 inches.
19. Artist unknown.
 Portrait of Caleb Strong (1745-1819).
 Head and shoulders.
 Size, $28\frac{3}{4}$ inches by 24 inches.
20. Sargent, Henry (?) (1770-1845).
 Portrait of Peter Faneuil (1700-1743).
 "It takes the place of a full-length portrait executed by order of
 the town in 1774 . . . which disappeared, and was probably
 destroyed at the siege of Boston." †
 Full-length standing figure, dressed in brownish-red, with white
 silk stockings, and gold buckles on his shoes; his left arm rests
 on the back of a chair covered with golden-brown velvet;
 he holds with both hands a large paper, the top of which is
 bent back, showing the cupola of Faneuil Hall, which appears
 also in the background.
 Panel, 8 feet $8\frac{1}{2}$ inches by 5 feet $4\frac{1}{2}$ inches.
 Gift of Samuel Parkman.
21. Stuart, Jane (about 1810-1888).
 Washington at Dorchester Heights.
 Copy of the painting by her father, Gilbert Stuart, now in the
 Museum of Fine Arts, Boston. See No. 42.
22. Burdick, Horace Robbins (1844-).
 Portrait of John Quincy Adams (1767-1848).
 Copy of the portrait by William Page, now in the Museum of
 Fine Arts, Boston. See No. 40.
23. Artist unknown.
 Portrait of Major-General Henry Knox (1750-1806).
 Copy of the portrait by Gilbert Stuart, now in the Museum of
 Fine Arts, Boston. See No. 41.

* Bacon, E. M., Boston; a guide book, page 13.

† Bacon, E. M., Boston; a guide book, page 12.

24. Healy, George Peter Alexander (1808-1894).
 Webster's Reply to Hayne, January 26 and 27, 1830.
 The picture contains 130 portraits, most of which have been identified; the list is published in a leaflet, distributed at Faneuil Hall.
 Completed in 1851.
 Size, 16 feet by 30 feet.
25. Millet, Francis Davis (1846-).
 Portrait of Samuel Adams (1722-1803).
 Copy of the portrait by J. S. Copley, now in the Museum of Fine Arts, Boston. See No. 39.
26. Artist unknown.
 Portrait of John Hancock (1737-1793).
 Copy of the portrait by J. S. Copley, now in the Museum of Fine Arts, Boston. See No. 38.
27. Parker, Edgar (1840-1892).
 Portrait of Charles Sumner (1811-1874).
 Three-quarter length standing figure, wearing a frock coat, unbuttoned, showing waistcoat and light trousers; he holds a newspaper in his left hand; his right forearm is raised and in his right hand he holds his eyeglasses.
 Signed with monogram and dated, 1874.
 Size, $53\frac{1}{4}$ inches by $33\frac{1}{4}$ inches.
28. Wight, Moses (1827-1895).
 Portrait of Edward Everett (1794-1865).
 Three-quarter length standing figure; his left hand resting on a table over which a red cloth is thrown; columns, dark red curtain and cloudy sky in the background.
 Size, $39\frac{1}{2}$ inches by $47\frac{1}{2}$ inches.
29. Vinton, Frederick Porter (1846-1911).
 Portrait of Wendell Phillips (1811-1884).
 Replica of the portrait belonging to Mrs. John C. Phillips.
 Three-quarter length standing figure, with his right hand resting on a wooden table, and his left hand behind him.
 Signed and dated, 1884.
 Size, $53\frac{1}{2}$ inches by 40 inches.
30. Ames, Joseph (1816-1872).
 Portrait of Abraham Lincoln (1809-1865).
 Three-quarter length standing figure, with his left hand resting on the back of a chair.
 Signed and dated, 1865.
 Size, $54\frac{1}{2}$ inches by $35\frac{1}{4}$ inches.

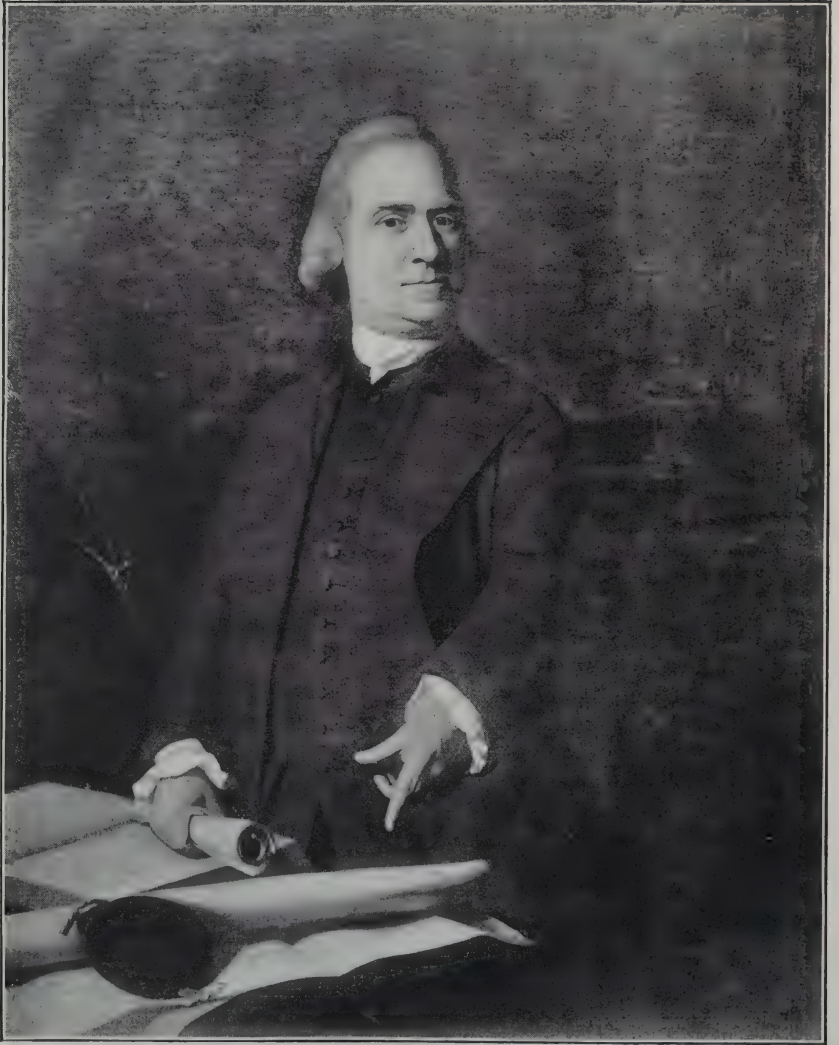
Franklin Union. Berkeley Street.

ENTRANCE HALL.

31-37 Mills, Charles Elliott (1856-).

Seven mural paintings, representing episodes in the life of Benjamin Franklin (1706-1790); part of a set of ten, forming a frieze around the hall. All the pictures except Nos. 1 and 4 are flanked by panels with inscriptions. No. 1 is dated; the others, which are later, are not. The measurements do not include the borders. The paintings were purchased from the artist by the Franklin Union.

31. Franklin, the boy.
 Selling ballads in front of the Old State House, Boston.
 Signed and dated, 1908.
 Size, 37 inches by 47 inches.
 Put in place in 1908.



SAMUEL ADAMS.
By John Singleton Copley.

32. Franklin, the craftsman.
Working in his printing office, Philadelphia.
Size, 37 inches by 78 inches.
Put in place in 1909.
33. Franklin, the officer.
Superintending the building of stockade forts on the Pennsylvania frontier.
Size, 37 inches by 78 inches.
Put in place in 1909.
34. Franklin, the editor.
In his editorial office, Philadelphia.
Size, 37 inches by 47 inches.
Put in place in 1909.
35. Franklin, the statesman.
Examination by the House of Commons concerning the repeal of the Stamp Act.
Size, 37 inches by 86 inches.
Put in place in 1910.
36. Franklin, the patriot.
Signing the Declaration of Independence.
Size, 37 inches by 112 inches.
Put in place in 1910.
37. Franklin, the scientist.
Electrical experiment with kite.
Size, 37 inches by 52 inches.
Put in place in 1911.

The titles of the three paintings not yet in place are:

Franklin, the philanthropist.
Franklin, the diplomat.
Franklin's return home.

These will correspond to Nos. 33, 32 and 31, respectively.

Museum of Fine Arts, Boston. Huntington Avenue.

Five portraits deposited in accordance with a vote of the City Council of Boston, November 9, 1876.

38. Copley, John Singleton (1737-1815).
Portrait of John Hancock (1737-1793).
Seated figure, turned to the right, with his left arm resting on an open account book, leaning against other books on a table; his legs are crossed, and his right hand, holding a pen, rests on his leg; dressed in a blue coat and waistcoat trimmed with gold lace, black breeches, and white silk stockings.
Size, 49 inches by 39½ inches.
Deposited November 29, 1876.
39. Copley, John Singleton (1737-1815).
Portrait of Samuel Adams (1722-1803).
Three-quarter length standing figure, dressed in reddish brown. Adams is shown addressing the British governor, Hutchinson, the day following the Boston Massacre in 1770. With his left hand he points to the Charter of Massachusetts, and in his right hand he holds a document labeled, "Instructions of the town of Boston."
Painted in 1772 at the order of John Hancock; mate to the portrait of Hancock.
Size, 49 inches by 39½ inches.
Deposited November 29, 1876.

40. Page, William (1811-1885).
 Portrait of John Quincy Adams (1767-1848).
 Half-length seated figure, holding a cane in his right hand; his left forearm rests on a table, and hanging from his left hand is a paper, at the bottom of which is the word "Page"; his chair stands in front of a large block of stone surmounted by a column, of which only the base is visible; in the distance at the right a building suggesting the Old State House is sketched.
 Painted when Mr. Adams was an old man.
 Size, $46\frac{1}{2}$ inches by 36 inches.
 Deposited November 29, 1876.
41. Stuart, Gilbert (1755-1828).
 Portrait of Major-General Henry Knox (1750-1806).
 Three-quarter length standing figure, with his left hand resting on a cannon, his right hand on his hip; dressed in Colonial uniform of dark blue and buff, with gold epaulets.
 "Judging from the age of the General, the portrait was painted shortly before his death."
 Panel, $46\frac{1}{2}$ inches by $38\frac{1}{4}$ inches.
 Deposited November 29, 1876.
42. Stuart, Gilbert (1755-1828).
 Washington (1732-1799) at Dorchester Heights.
 Full-length standing figure, in Colonial uniform, of which the coat appears to be black, instead of the usual blue; he wears high black, close-fitting boots, and carries his hat in his right hand; his left hand, holding the reins of his white horse, rests on the saddle, the horse facing the rear; view of Dorchester Bay in the background.
 Panel, 8 feet $11\frac{3}{4}$ inches by 5 feet 11 inches.
 Presented to the town of Boston by Samuel Parkman, 1866.
 Deposited November 29, 1876.

Public Library. Copley Square.

STAIRCASE HALL.

- 43-50. Puvis de Chavannes, Pierre Cécile (1824-1898).
 Eight mural decorations representing Philosophy, Astronomy, History, Chemistry, Physics, Pastoral Poetry, Dramatic Poetry, Epic Poetry.
 Signed and dated, 1896.
 Purchased by the City of Boston, 1893-1896.

STAIRCASE CORRIDOR.

51. Puvis de Chavannes, Pierre Cécile (1824-1898).
 The Muses welcoming the Genius of Enlightenment.
 Large mural decoration.
 Signed and dated, 1895.
 Purchased by the City of Boston, 1893-1896.

LOBBY BETWEEN THE STAIRCASE CORRIDOR AND THE DELIVERY ROOM.

52. Garnsey, Elmer Ellsworth (1862-).
 Mural decorations in the manner of Pompeian wall paintings.
 Done in oil on the plaster wall.
 Purchased by the City of Boston, 1895.



MAJOR-GENERAL HENRY KNOX.

By Gilbert Stuart.



THE DOCTRINE OF THE REDEMPTION.

By John Singer Sargent.

(From a Copley Print. Copyright 1903, by Curtis & Cameron.)

LOBBY BETWEEN THE STAIRCASE CORRIDOR AND THE CHILDREN'S ROOM.

53. Smith, Joseph Lindon (1863-).
Mural decorations suggested by Venetian history.
Done in oil on the plaster wall.
Gift of Mr. Arthur Astor Carey, 1895.

UPPER CORRIDOR.

54. Sargent, John Singer (1856-).
The Triumph of Religion. Illustrating certain stages of Jewish and Christian religious history.
Purchased by the City of Boston, 1895.
55. Sargent, John Singer (1856-).
The Doctrine of the Redemption.
Purchased by the City of Boston, 1903.

DELIVERY ROOM.

56-70. Abbey, Edwin Austin (1852-1911).

Fifteen mural decorations illustrating "The Quest of the Holy Grail."

56. The Vision.
57. The Oath of Knighthood.
58. The Round Table of King Arthur.
59. The Departure.
60. The Castle of the Grail.
61. The Loathly Damsel.
62. The Seven Sins.
63. The Key to the Castle.
64. The Castle of the Maidens.
65. Blanche fleur.
66. The Death of Amfortas.
67. Galahad the Deliverer.
68. Solomon's Ship.
69. The City of Sarra's.
70. The Golden Tree.

Nos. 56-60 were purchased by the City of Boston in 1895.

Nos. 61-70 were purchased by the City of Boston in 1902.

CHILDREN'S REFERENCE ROOM.

71. Elliott, John (1858-).
The Triumph of Time.
Ceiling decoration "On two canvases, each 36 feet by 15 feet or about that, divided in the center by a beam It represents the progress of the Christian centuries, which are typified by twenty horses in five rows of four each There are twelve winged female figures representing the Hours, and one male figure, Time"
Gift of subscribers, 1901.

TRUSTEES' ROOM.

72. West, William Edward (1788-1857).
Portrait of Joshua Bates (1788-1864).
Half-length figure holding the lapel of his coat with his left hand, his right hand resting on a table; a column and a red curtain in the background.
Size, 44½ inches by 35½ inches.
Gift of Samuel G. Ward, 1894.

73. Young, James Harvey (1830-).
Portrait of Edward Everett (1794-1865).
Oval, bust portrait.
Signed with monogram.
Size, 30 inches by 25 inches.
Gift of the citizens of Boston, 1870.
74. Greuze, Jean Baptiste (1725-1805), attributed to.
Portrait of Benjamin Franklin (1706-1790).
Half-length figure, dressed in a red coat and waistcoat.
Size, 31 inches by 24 $\frac{1}{4}$ inches.
Gift of Gardner Brewer, 1872.
75. Duplessis, Joseph Sifrède (1725-1802).
Portrait of Benjamin Franklin (1706-1790).
Half-length figure, dressed in red broadcloth trimmed with fur.
Size, 27 $\frac{1}{2}$ inches by 21 $\frac{1}{2}$ inches.
Gift of Edward Brooks, 1858.
76. Salmon, Robert (?).
Old State House, during the fire, November, 1832.
View of the square in front of the Old State House, with buildings on fire, and firemen in the old portico.
Size, 28 $\frac{1}{4}$ inches by 36 inches.
Gift of John G. Loring, 1872.
77. Spear, Thomas T.
Portrait of Jerome van Crowningshield Smith (1800-1879).
Mayor of Boston, 1854-1855; laid the corner-stone of the Boston Public Library, September 17, 1855.
Half-length figure, dressed in black, and seated in a red velvet chair.
Signed and dated, 1854.
Size, 35 $\frac{1}{2}$ inches by 28 $\frac{1}{2}$ inches.
Gift of Mrs. Emma L. Black, January 2, 1909.
78. Copley, John Singleton (1737-1815).
Charles I. demanding the five impeached members of the House of Commons, 1641.
Size, 90 inches by 121 inches.
Gift of Josiah Quincy and eleven other citizens, 1859.

TRUSTEES' ANTEROOM.

79. Billings, Edwin T. (?-1893).
Portrait of James Freeman Clarke (1810-1888).
Bust portrait.
Signed.
Size, 29 $\frac{1}{2}$ inches by 24 $\frac{1}{2}$ inches.
Given by William Howell Reed "On behalf of donors, many of whom are members of the Church of the Disciples," March 29, 1900.
Accepted by the Trustees, April 6, 1900.

LIBRARIAN'S PRIVATE OFFICE.

80. Artist unknown.
Water-color: View of the Common and Beacon street, about 1809.
Size, 10 $\frac{1}{2}$ inches by 18 inches.
Gift of Colonel Harrison Ritchie, March 21, 1882.
81. Holmes, Henry.
Water-color: View of the oldest building in Boston, 1878.
Signed and dated, 1878.
Size, 15 inches by 11 inches.
Gift of the artist, August 13, 1878.
82. "Daughter of General Knox."
Water-color: View of Tremont street, about 1800.
Looking north from a point south of West street.
Size, 13 inches by 19 $\frac{1}{4}$ inches.
Gift of eighteen citizens of Boston, 1875.



GALAHAD THE DELIVERER.

By Edwin Austin Abbey.

(From a Copley Print. Copyright 1902, by Curtis & Cameron.)

83. Robertson, A.
Water-color: Haymarket Theater, Boston.
Signed and dated, September 28, 1798.
Size, 9 inches by 13 inches.

LECTURE HALL.

84. Wight, Moses (1827-1895).
Portrait of Charles Sumner (1811-1874).
Three-quarter length figure, seated beside a table, on which
his right hand rests; in his hand he holds a letter.
Size, 59 inches by 47 inches.
Gift of Rev. Frederick Dan Huntington, 1874.
85. Eddis, Eden W.
Portrait of Joshua Bates (1788-1864).
Three-quarter length figure, standing, with hands clasped.
Size, 48½ inches by 30½ inches.
Gift in 1866 of the daughter of Mr. Bates, Mme. Elizabeth
van de Weyer.
86. Fernandez y Gonzales, Domingo (1862-).
St. Justa and St. Rufina.
Patron saints of Seville.
Signed and dated, 1892.
Size, 8 feet 8 inches by 14 feet 7 inches.
Gift of Miss Ellen Chase, 1894.

BARTON TICKNOR ROOM.

87. Sloane, George.
Portrait of George Ticknor (1791-1871).
Copy of the portrait painted by Thomas Sully in 1831.
Half-length seated figure, in the dress of the period.
Signed and dated, 1895.
Size, 35¼ inches by 27¾ inches.
Gift of Miss Anna E. Ticknor, 1896.

20TH REGIMENT ALCOVE.

88. Artist unknown.
Captain W. F. Bartlett and Lieutenant-Colonel F. W. Palfrey
at Camp Benton, Maryland, November, 1861.
Size, 21 inches by 33 inches.
Gift of the 20th Regiment Association.

ART ALCOVE.

89. Keith, Mrs. Dora Wheeler.
Portrait of Thomas Bailey Aldrich (1836-1907).
Half-length seated figure.
Signed and dated, 1888.
Size, 30½ inches by 24½ inches.
Gift of the artist, 1910.

FINE ARTS DEPARTMENT.

90. Emerson, Mrs. W. R.
Portrait of Edward C. Cabot (1818-1901).
Nearly half-length seated figure.
Signed with the monogram S W E, and dated, 1896.
Size, 23½ inches by 19¼ inches.
Lent by the Boston Society of Architects, 1897.

CHILDREN'S ROOM.

91-108. Pyle, Howard (1853-1911).

Eighteen episodes relating to the life of Washington. All the pictures are signed; Nos. 107 and 108 are in one frame.

The pictures were given by subscribers, April 29, 1897.

91. A Virginia planter of the period of 1740.
Size, $24\frac{1}{4}$ inches by $15\frac{1}{4}$ inches.
92. The wharf of a Virginia plantation in the early eighteenth century.
Size, 18 inches by $11\frac{3}{4}$ inches.
93. Burial of Braddock.
Size, 18 inches by $11\frac{3}{4}$ inches.
94. Washington's retreat from Great Meadows in 1754.
Size, $17\frac{1}{2}$ inches by $11\frac{3}{4}$ inches.
95. Sir William Berkeley signing the Capitulation of the Country of Virginia.
Size, $15\frac{1}{4}$ inches by $23\frac{1}{4}$ inches.
96. Washington and Mary Philipse.
Size, $24\frac{1}{4}$ inches by $15\frac{1}{4}$ inches.
97. In the Old Raleigh Tavern.
Size, $17\frac{3}{4}$ inches by $11\frac{1}{2}$ inches.
98. Departure from Mt. Vernon for the Continental Congress.
Size, $17\frac{3}{4}$ inches by $11\frac{3}{4}$ inches.
99. Lady Washington's arrival at Headquarters, Cambridge, 1775.
Size, $11\frac{3}{4}$ inches by 18 inches.
100. Washington and Nellie Custis on her Wedding Day.
Size, $17\frac{3}{4}$ inches by $11\frac{3}{4}$ inches.
101. Washington and Steuben at Valley Forge.
Size, $17\frac{1}{2}$ inches by $11\frac{1}{2}$ inches.
102. The escape of Arnold to the Sloop-of-War, "Vulture."
Size, $17\frac{3}{4}$ inches by $11\frac{3}{4}$ inches.
103. Washington escorting his Mother into the Ball Room at Fredericksburg.
Size, $17\frac{3}{4}$ inches by $11\frac{3}{4}$ inches.
104. In the Garden at Mt. Vernon.
Size, $20\frac{3}{4}$ inches by $14\frac{1}{2}$ inches.
105. The Secretary of Congress announcing to Washington his election to the Presidency.
Size, $17\frac{3}{4}$ inches by $11\frac{3}{4}$ inches.
106. Death of Washington.
Size, $21\frac{3}{4}$ inches by $14\frac{3}{4}$ inches.
107. The Capitol at Williamsburg.
Size, $9\frac{3}{4}$ inches by $11\frac{3}{4}$ inches.
108. Braddock's Death at the Battle of the Monongahela.
Size, $9\frac{3}{4}$ inches by $11\frac{3}{4}$ inches.

CHARLESTOWN BRANCH. CITY SQUARE, CHARLESTOWN.

READING ROOM.

109. Sargent, Henry (1770-1845).
Portrait of Richard Devens, Commissary-General, Revolutionary Army.
Half-length figure.
Painted in 1798.
Size, $47\frac{1}{4}$ inches by $38\frac{1}{4}$ inches.
Bequeathed by Charlotte Harris.
110. Morse, Samuel Finley Breese (1791-1872).
Landing of the Pilgrims.
Painted in 1811.
Canvas pieced twice.
Size, 44 inches by 59 inches.

111. Pope, John.*
 Portrait of Daniel Webster (1782-1852).
 Full-length standing figure, pointing with his right hand to Bunker Hill monument in the background; behind him the heads of a crowd of people whom he is apparently addressing.
 Signed.
 Size, 8 feet 11 inches by 6 feet 4 inches.
 Gift of the citizens of Charlestown, 1853.
112. Hoit, Albert Gallatin (1809-1856).
 Portrait of Andrew Jackson (1767-1845).
 Copy of a portrait by John Vanderlyn (1775-1852). †
 Full-length figure standing in front of a white horse; dressed in uniform — blue swallow-tail coat, trimmed with gold lace, red sash, white breeches, high black boots, white gloves; he holds his sabre horizontally to the left in his right hand, and his hat in his left hand, with a cloak over his left arm.
 Signed and dated, A. G. Hoit, January, 1855.
 Size, 8 feet 11 inches by 6 feet 10½ inches.
 Gift of Jacob Foss and other citizens of Charlestown, 1855.
113. Frothingham, James (1781-1864).
 Portrait of George Washington (1732-1799).
 Copy of the portrait by Stuart, known as the "Lansdowne" portrait.
 Full-length standing figure, dressed in black velvet, holding the scabbard of a dress-sword in his left hand; his right arm and hand extended in gesture; behind him a chair upholstered in red; at the left a table with a red cover, inkstand, etc.; in the background, columns and a red curtain.
 Size, 8 feet by 4 feet 10¾ inches.
 Gift of the citizens of Charlestown, 1858.

SOUTH END BRANCH, 397 SHAWMUT AVENUE.

114. Wüst, Alexander (1837-1876).
 "A Torrent in Norway."
 According to the label this picture received a gold medal in 1866; Medals were awarded the artist that year at Brussels and The Hague.
 Approximate size, 4 feet by 7 feet.
 Bequeathed to the Library by Celia B. Norton of Bristol, Conn.
 Accepted by the Trustees, February 19, 1904.
 Deposited in the South End Branch, 1907.

WEST END BRANCH, CAMBRIDGE STREET.

Four portraits, joint gift of Miss Elizabeth Bartol and Mr. Thomas Gaffield, in 1908. Nos. 117 and 118 are labeled, "Gift of Thomas Gaffield"; no donor is mentioned on the labels of Nos. 115 and 116.

115. Page, Mrs. Marie Danforth (1869-).
 Portrait of Jonathan Mayhew (1720-1766).
 Pastor of the West Church, 1747-1766.
 Painted from an enlarged wood-cut.
 Size, 29½ inches by 24½ inches.

* The portraits of Webster, Jackson and Washington were the property of Charlestown; they were placed for safe keeping in the Charlestown Branch Library, in 1874, the year of annexation to Boston.

† Vanderlyn painted a full-length portrait of Jackson for the Corporation of New York. It hangs in the City Hall, New York.

116. Page, Mrs. Marie Danforth (1869-).
Portrait of Simeon Howard (1733-1804).
Pastor of the West Church, 1767-1804.
Copy of a portrait by an unidentified artist; original in the possession of Miss Elizabeth Bartol.
Size, $29\frac{1}{2}$ inches by $24\frac{1}{2}$ inches.
117. Page, Mrs. Marie Danforth (1869-).
Portrait of Charles Lowell (1782-1861).
Pastor of the West Church, 1806-1861.
Copied from a portrait by an unidentified artist; original in the possession of the American Unitarian Association, 25 Beacon street.
Size, $31\frac{1}{2}$ inches by $25\frac{1}{2}$ inches.
118. Page, Mrs. Marie Danforth (1869-).
Portrait of Cyrus Augustus Bartol (1813-1900).
Colleague pastor of the West Church, 1837-1861; pastor, 1861-1888.
Painted from a photograph.
Size, $31\frac{1}{2}$ inches by $25\frac{1}{2}$ inches.

HYDE PARK BRANCH.

119. Leonardi, Achille.
Guido Reni painting the portrait of Beatrice Cenci in her cell.
Copy of a painting in Rome.
Signed and dated, 1870.
Size, $52\frac{1}{2}$ inches by $67\frac{3}{4}$ inches.
Gift of Mrs. Mabel Hunt Slater, 1904.

CODMAN SQUARE READING ROOM, DORCHESTER.

120. Gregg, David A.
Water-color and crayon: The Old Dorchester Town House.
Signed and dated, 1905.
Size, $15\frac{1}{2}$ inches by 22 inches.
Gift of the artist, 1905.

PUBLIC SCHOOLS.

Normal, Latin and High Schools.

PUBLIC LATIN SCHOOL, DARTMOUTH STREET AND WARREN AVENUE, SOUTH END.

ASSEMBLY HALL.

All the portraits are the property of the Boston Latin School Association.

121. Badger.
Portrait of John Lovell (1710-1778).
Head-master, 1734-1775.
Copy of the portrait of John Lovell in Memorial Hall, Harvard University, by Nathaniel Smibert (1734-1756).
Size, $29\frac{1}{2}$ inches by $24\frac{1}{2}$ inches.
Presented to the Boston Latin School Association by Robert Gould Shaw.
122. Artist unknown.
Portrait of Benjamin Apthorp Gould (1787-1859).
Head-master, 1814-1828.
Seated in an armchair, he holds a book in his right hand, with his forefinger between the leaves; a column on the left; a red curtain and table with books and inkstand on the right.
Size, $49\frac{1}{4}$ inches by $39\frac{1}{4}$ inches.

123. Young, James Harvey (1830-).
 Portrait of Charles Knapp Dillaway (1804-1889).
 Usher, 1827-1830, head-master, 1831-1836.
 Three-quarter length figure, seated in an armchair.
 Signed and dated, 1871.
 Size, $35\frac{1}{2}$ inches by $28\frac{1}{2}$ inches.

124. Walker, Henry Oliver (1843-).
 Portrait of Epes Sargent Dixwell (1807-1899).
 Head-master, 1836-1851.
 Three-quarter length standing figure, holding a book in his
 right hand, with his forefinger between the leaves, his left hand
 resting on some books piled on the table.
 Signed.
 Size, $51\frac{1}{2}$ inches by $36\frac{1}{2}$ inches.

125. Hunt, William Morris (1824-1879).
 Portrait of Francis Gardner (1812-1876).
 Usher, 1831-1836; sub-master, 1836-1850; head-master, 1851-
 1876.
 Three-quarter length figure, sitting in an armchair, with his
 right hand on a table and his left hand on the arm of the chair.
 Size, 50 inches by $39\frac{1}{2}$ inches.
 Purchased with subscriptions from the alumni.

126. Tompkins, Frank Hector (1847-).
 Portrait of Moses Merrill (1833-1902).
 Usher, 1858-1867; sub-master, 1867-1869; master, 1869-1877;
 head-master, 1877-1901.
 Three-quarter length figure, seated in an armchair, holding a
 book in his left hand.
 Signed and dated, 1901.
 Size, $43\frac{1}{2}$ inches by $35\frac{1}{2}$ inches.
 Purchased with subscriptions from the alumni and presented
 to the Boston Latin School Association in 1901.

127. Lockwood, Wilton (1861-).
 Portrait of Arthur Irving Fiske (1848-1910).
 Master, 1873-1902; head-master, 1902-1910.
 Three-quarter length standing figure, wearing an academic
 gown and hood; he holds a book in his left hand, and his right
 hand rests on the back of a chair.
 Painted from photographs after Mr. Fiske's death.
 Size, $46\frac{1}{4}$ inches by $34\frac{3}{4}$ inches.
 Bought with funds of the Boston Latin School Association.

128. Ipsen, Ernest Ludvig (1869-).
 Portrait of Charles James Capen (1823-1910).
 Usher, 1852-1867; sub-master, 1867-1870; master, 1870-1910.
 Three-quarter length figure, seated in an armchair, holding a
 book in his left hand, with his forefinger between the leaves.
 Signed and dated, 1902.
 Size, $47\frac{1}{2}$ inches by 42 inches.
 Purchased with subscriptions from the alumni and presented to
 the Boston Latin School Association in 1903.

- Eleven portraits (probably posthumous) of graduates of the school who
 died in the Civil War.

129. Artist unknown.
 James R. Darracott.
 Graduated, 1836; died, 1862.
 Half-length figure, in uniform.
 Size, $29\frac{1}{2}$ inches by $24\frac{1}{2}$ inches.

130. Artist unknown.
Sidney Walker Howe.
Graduated, 1851; died, 1862.
Oval, bust portrait, in uniform.
Size, $29\frac{1}{2}$ inches by $24\frac{1}{2}$ inches.
131. Artist unknown.
Colonel Thomas Greely Stevenson.
Graduated, 1850; died, 1864.
Colonel, 24th Regiment Massachusetts Volunteers.
Three-quarter length figure, in uniform.
Size, 52 inches by $37\frac{3}{4}$ inches.
132. Artist unknown.
Lieutenant Edgar Marshall Newcomb.
Graduated, 1852; died, 1862.
Oval, bust portrait, in civilian dress.
Size, $28\frac{1}{4}$ inches by $23\frac{3}{4}$ inches.
133. Artist unknown.
Captain Robert Jackson Cowdin.
Graduated, 1853; died, 1864.
Half-length figure, in uniform.
Size, 29 inches by $23\frac{3}{4}$ inches.
134. Bicknell, Albion Harris (1837-).
Captain Nathaniel Bradstreet Shurtleff, Jr.
Graduated, 1850; died, 1862.
Captain of the Latin School Company, 12th Regiment Massachusetts Volunteers.
Three-quarter length standing figure, in uniform.
Signed and dated, 1872.
Size, $47\frac{1}{2}$ inches by $33\frac{1}{2}$ inches.
135. Artist unknown.
Sumner Paine.
Graduated, 1854; died, 1863.
Three-quarter length standing figure, in uniform.
Size, $41\frac{3}{4}$ inches by $29\frac{3}{4}$ inches.
136. Artist unknown.
Richard Chapman Goodwin.
Graduated, 1845; died, 1862.
Half-length figure, in uniform.
Size, $26\frac{3}{4}$ inches by $21\frac{3}{4}$ inches.
137. Artist unknown.
Robert Ware.
Graduated, 1843; died, 1863.
Oval, bust portrait, in uniform.
Size, $29\frac{1}{4}$ inches by $24\frac{1}{2}$ inches.
138. Healy, George Peter Alexander (1808-1894).
Lieutenant William Greenough White.
Graduated, 1852; died, 1862.
Half-length seated figure, in uniform.
Signed and dated, 1868.
Size, $29\frac{1}{4}$ inches by $24\frac{1}{2}$ inches.
139. Artist unknown.
Lieutenant Frank Howard Nelson.
Graduated, 1854; died, 1862.
Half-length standing figure, in uniform.
Size, $30\frac{1}{2}$ inches by $23\frac{1}{2}$ inches.

BOSTON NORMAL SCHOOL, HUNTINGTON AVENUE,
BACK BAY.

RECEPTION ROOM.

140. Hardie, Robert Gordon (1854-1904).
 Portrait of Larkin Dunton (1828-1899).
 Head-master, 1872-1899.
 Three-quarter length figure, seated beside a table, on which
 his right forearm rests, his left arm bent so that the back of
 his left hand is braced on his leg with the palm out.
 Signed.
 Size, 49 inches by 39 inches.
 Property of the Boston Normal School Association.
 Purchased, 1897.

BRIGHTON HIGH SCHOOL, CORNER OF CAMBRIDGE AND
WARREN STREETS, BRIGHTON.

ENTRANCE HALL.

141. Cobb, Darius (1834-).
 Portrait of John C. Ryder (1855-1899).
 Head-master, 1898-1899.
 Half-length figure.
 Signed.
 Size, 30½ inches by 24¾ inches.
 Gift of the artist and of the pupils of the school.
 Presented to the school, June 22, 1899.
142. Ross, Adam M., Jr.
 Battle between the Bonhomme Richard and the Serapis.
 Signed and dated, 1905.
 Size, 16 inches by 23¾ inches.
 Gift of the artist, April 21, 1906.

DORCHESTER HIGH SCHOOL, TALBOT AVENUE AND
WASHINGTON STREET, DORCHESTER.

ASSEMBLY HALL.

143. Johnson, Marshall (1850-).
 The Constitution and the Guerrière.
 Signed.
 Size, 28 inches by 47¼ inches.
 Gift of Mr. Thomas F. Temple, 1903.
 Mr. Temple graduated in the first class of the school, 1852.

ENGLISH HIGH SCHOOL, MONTGOMERY STREET.

LIBRARY.

144. Grundmann, Otto (1844-1890).
 Portrait of Rev. Robert Cassie Waterston (1812-1893).
 Graduated, 1828; president of the English High School Association, 1872-1881.
 Size 38½ inches by 28 inches.
 Gift of Rev. R. C. Waterston.

HEAD-MASTER'S OFFICE.

145. Daggett, John C.
 Graduated, 1892.
 Water-color: Marine.
 Signed.
 Size, 7 inches by 11 inches.
 Presented by the artist, 1892.

ASSEMBLY HALL.

146. Young, James Harvey (1830-).
Portrait of George Barrell Emerson (1797-1881).
Head-master, 1821-1823.
Half-length figure.
Size, $30\frac{1}{2}$ inches by $24\frac{1}{2}$ inches.
147. Young, James Harvey (1830-).
Portrait of Solomon Pearson Miles.
Head-master, 1823-1837.
Half-length figure.
Painted from photographs, daguerreotypes, etc.
Size, $30\frac{1}{2}$ inches by $24\frac{1}{2}$ inches.
148. Young, James Harvey (1830-).
Portrait of Thomas Sherwin (1799-1869).
Master, 1828-1837; head-master, 1837-1869.
Half-length figure.
Size, $30\frac{1}{2}$ inches by $24\frac{1}{2}$ inches.
149. Young, James Harvey (1830-).
Portrait of Charles McLaughlin Cumston.
Master, 1848-1869; head-master, 1869-1874.
Half-length figure.
Size, 32 inches by 25 inches.
Gift of Mr. Cumston.
150. Cobb, Darius (1834-).
Portrait of Edwin Pliny Seaver (1838-).
Head-master, 1874-1880.
Half-length figure.
Signed.
Size, $29\frac{1}{2}$ inches by $24\frac{1}{2}$ inches.
Gift of the Class of 1875-1878.
151. Cobb, Darius (1834-).
Portrait of Francis Asbury Waterhouse (1835-1894).
Head-master, 1880-1894.
Half-length figure.
Signed.
Size, $29\frac{1}{2}$ inches by $24\frac{1}{2}$ inches.
Presented by the English High School Association, 1904.
152. Smith, Alfred Everett (1863-).
Portrait of Robert Edward Babson (1837-).
Sub-master, 1864-1871; master, 1871-1894; head-master, 1894-1901.
Half-length figure.
Size, $29\frac{1}{2}$ inches by $24\frac{1}{2}$ inches.
Gift of the Class of 1870-1873, and of the English High School Association, 1905.
153. Kingsbury, Edward Reynolds (1855-).
Graduated 1874; now teacher of drawing in the English High School.
Portrait of John Francis Casey (1845-).
Sub-master, 1872-1882; master, 1882-1901; head-master, 1901-
Half-length figure.
Signed and dated, 1905.
Size, $29\frac{1}{2}$ inches by $24\frac{1}{2}$ inches.
Gift of the Class of 1884-1887.

GIRLS' HIGH SCHOOL, WEST NEWTON STREET,
SOUTH END.

RECEPTION ROOM.

154. Geer, Miss Grace Woodbridge (1854-).
 Portrait of Miss Harriet Elizabeth Caryl (1834-).
 Assistant, 1855-1859; head assistant, 1859-1876; assistant principal, 1876-1903.
 Half-length seated figure, wearing a purple dress with a white fichu, and a gray-green scarf; a book resting in her lap is held by both hands with the forefingers between the leaves.
 Signed and dated, 1903.
 Size, 35½ inches by 28½ inches.
 Gift of the Samuel Eliot Memorial Association, May 12, 1903.

CORRIDOR, SECOND FLOOR.

155. Billings, Edwin T. (? -1893).
 Portrait of Loring Lothrop (1817-1878).
 Head-master, 1852-1856.
 Size, 29½ inches by 24½ inches.
 Gift of the artist.
156. Porter, Benjamin Curtis (1843-1908).
 Portrait of William H. Seavey (1823-1868).
 Head-master, 1856-1868.
 Half-length standing figure, holding his right hand behind him and resting his left hand on a globe.
 Size, 43½ inches by 35½ inches.
 Gift of the teachers and pupils, 1856-1868.
 Presented, 1869.
157. Parker, Edgar (1840-1892).
 Portrait of Ephraim Hunt (1829-).
 Head-master, 1868-1872.
 Size, 29½ inches by 24½ inches.
 Gift of the pupils, 1868-1872.
 Presented, 1878.
158. Young, James Harvey (1830-).
 Portrait of Samuel Eliot (1821-1899).
 Head-master, 1872-1876.
 Size, 29½ inches by 24½ inches.
 Gift of the pupils of the school, 1872-1876.
 Presented, 1878.
159. Billings, Edwin T. (-? 1893).
 Portrait of Homer Baxter Sprague (1829-).
 Head-master, 1876-1885.
 Signed.
 Size, 29½ inches by 24½ inches.
 Gift of the pupils, 1876-1885.
 Presented, 1887.
160. Lockwood, Wilton (1861-).
 Portrait of John Tetlow (1843-1911).
 Head-master, 1885-1907.
 Half-length seated figure, holding a book in his right hand with his forefinger between the leaves.
 Signed.
 Size, 36 inches by 28 inches.
 Gift of the alumnae and friends of the Girls' High School, 1907.

Room 201.

161. Bartholomew, William Nelson (1822-1907).
 Water-color: A Road Through the Woods.
 Signed.
 Size, $16\frac{1}{4}$ inches by $12\frac{1}{2}$ inches.
 Presented to the Girls' High School Association in memory of
 William N. Bartholomew, by the Class of 1864.
 Mr. Bartholomew introduced drawing in public schools, and was
 teacher of drawing, 1855-1871.

Room 305.

162. Woodbury, Charles Herbert (1864-).
 Landscape: The Edge of the Forest.
 Mural decoration derived from a painting made by him in Laren,
 Holland.
 Signed and dated, 1896.
 Size, $47\frac{1}{2}$ inches by $71\frac{1}{2}$ inches.
 Presented in 1910 to the Girls' High School Association by
 friends and former pupils of Miss Lucy Rice Woods, as a
 memorial of her.
 Miss Woods (1847-1904) was an assistant, 1872-1904.
163. Dolby, Edwin.
 Water-color: Victoria Tower and rear of Henry VII.'s Chapel,
 London.
 Signed and dated, 1877.
 Size, 26 inches by $18\frac{1}{2}$ inches.
 Gift of Dr. Samuel Eliot and the Class of 1873.
 Presented in 1880.

ART ROOM.

164. Hunt, William Morris (1824-1879).
 Crayon drawing: Study of the figure of Night for the decoration
 of the Albany Capitol.
 Signed with his monogram and dated, '78.
 Size, $37\frac{3}{4}$ inches by $25\frac{3}{4}$ inches.
 Presented by the editors of the *Distaff*, 1895-1896.

GIRLS' LATIN SCHOOL, HUNTINGTON AVENUE, BACK BAY.

LIBRARY.

165. Ipsen, Ernest Ludvig (1869-).
 Portrait of John Tetlow (1843-1911).
 First head-master, 1878-1910.
 Three-quarter length standing figure, wearing a black frock
 coat and white waistcoat; his right forearm is raised, and he
 holds his eyeglasses in his right hand; his left hand grasps
 an open book, face down, resting on a pile of books on a table.
 Signed and dated, 1909.
 Size, $59\frac{1}{2}$ inches by $37\frac{1}{4}$ inches.
 Presented to the school by the Girls' Latin School Alumnae
 Association, May, 1910.

ROXBURY HIGH SCHOOL, WARREN STREET, ROXBURY.

166. Morris, J. C.
 An Alpine Scene.
 Herd of goats in the foreground.
 Signed and dated, '65.
 Size, 40 inches by 64 inches.
 Gift of Mrs. Samuel M. Weston, 1911.
 Samuel M. Weston was head-master from 1850-1883.

SOUTH BOSTON HIGH SCHOOL, THOMAS PARK, DORCHESTER HEIGHTS.

ASSEMBLY HALL.

167. Hamilton, Wilbur Dean (1862-).
 Portrait of Augustus Dennett Small.
 Head-master, 1901-
 Half-length figure.
 Painted, 1911.
 Signed.
 Size, 43 inches by 32 $\frac{3}{4}$ inches.
 Gift of teachers, alumni and students, 1911.

WEST ROXBURY HIGH SCHOOL, ELM STREET, JAMAICA PLAIN.

CLASS ROOM.

168. Artist unknown.
 Landscape.
 Size, 11 $\frac{1}{2}$ inches by 19 $\frac{1}{2}$ inches.
 Gift of Mrs. Charles F. Dole.

Elementary Schools.

AGASSIZ SCHOOL, BREWER STREET, JAMAICA PLAIN.

169. Page, Walter Gilman (1862-).
 Portrait of Jean Louis Rudolphe Agassiz (1807-1873).
 Three-quarter length figure, standing, with his right elbow
 resting on books piled on a table, his left hand in his trousers
 pocket.
 Signed and dated, 1894.
 Size, 59 $\frac{1}{2}$ inches by 43 $\frac{1}{2}$ inches.
 Gift of the alumni, 1894.

BOWDITCH SCHOOL, GREEN STREET, CORNER CHESHIRE STREET, JAMAICA PLAIN.

ASSEMBLY HALL.

170. Page, Walter Gilman (1862-).
 Portrait of Charles Willard Hill (1834-1896).
 Master, 1890-1896.
 Three-quarter length figure, seated at a desk, holding a pencil
 in his right hand.
 Signed and dated, 1897.
 Size, 59 $\frac{1}{2}$ inches by 37 $\frac{1}{2}$ inches.
 Purchased in 1898, with the proceeds of an entertainment arranged
 by the school.

RECEPTION ROOM.

171. Page, Walter Gilman (1862-).
 Portrait of Dr. Elizabeth C. Keller.
 Three-quarter length seated figure, dressed in black, holding a
 book in her left hand.
 Signed and dated, 1895.
 Size, 39 inches by 30 inches.
 Lent by Dr. Elizabeth C. Keller.
172. Artist unknown.
 Water-color: Marine.
 Size, 6 $\frac{3}{4}$ inches by 18 inches.
 Gift, before 1896.

BOWDOIN SCHOOL, MYRTLE STREET, WEST END.

ASSEMBLY HALL.

173. Artist unknown.
 Portrait of James Robinson.
 Former master.
 Size, $29\frac{1}{4}$ inches by $24\frac{1}{4}$ inches.
 Given to the school about 1900.

CHAPMAN SCHOOL, EUTAW STREET, EAST BOSTON.

CORRIDOR, FIRST FLOOR.

- 174-176. Dill, W. F.
 Three water-colors: Venetian landscapes.
 Signed and dated, 1906.
 Each one approximately $9\frac{1}{2}$ inches by $14\frac{1}{4}$ inches.
 Purchased from the Chapman Fund, 1906.

CORRIDOR, SECOND FLOOR.

177. James, Nellie F.
 Graduated in the Class of 1873.
 Water-color: North East Harbor, Mt. Desert.
 Signed.
 Size, 9 inches by $19\frac{1}{2}$ inches.
 Presented by her mother, Mrs. Ellen F. James, 1904, in memory
 of Nellie F. James.

ASSEMBLY HALL.

178. Page, Walter Gilman (1862-).
 Portrait of George R. Marble (1831-).
 Master, 1866-1894.
 Half-length figure.
 Signed and dated, 1904.
 Size, $35\frac{1}{2}$ inches by $29\frac{1}{2}$ inches.
 Gift of his former pupils, May 3, 1905.

CHARLES SUMNER SCHOOL, ASHLAND STREET, ROSLINDALE.

ASSEMBLY HALL.

179. Schmitt, Albert F. (1873-).
 Portrait of Artemus Wiswall (1825-1901).
 Master, 1876-1896.
 Three-quarter length seated figure.
 Signed and dated, 1899.
 Size, $39\frac{1}{2}$ inches by 35 inches.
 Gift of the Charles Sumner School Association, 1899.
180. Artist unknown.
 Portrait of Charles Sumner (1811-1874).
 Three-quarter length standing figure.
 Size, $45\frac{1}{2}$ inches by $35\frac{1}{2}$ inches.
 Lent anonymously.

CHRISTOPHER COLUMBUS SCHOOL, TILESTON STREET,
NORTH END.

CORRIDOR.

181. Da Rù, D.
 Christopher Columbus (about 1436-1506).
 Half-length figure, holding a small map.
 Signed.
 Size, 48 inches by $34\frac{1}{2}$ inches.
 Gift of the Italian Columbus Society, October 12, 1905.

CHRISTOPHER GIBSON SCHOOL, MORSE STREET, DORCHESTER.

ASSEMBLY HALL.

182. Page, Walter Gilman (1862-).
 Portrait of William Ellis Endicott (1841-1903).
 Master, 1866-1903.
 Nearly half-length figure.
 Signed and dated, 1904.
 Size, $36\frac{1}{2}$ inches by $30\frac{1}{2}$ inches.
 Gift of the alumni, 1904.

COMMODORE BARRY SCHOOL, SUMNER STREET, CORNER
LAMSON STREET, EAST BOSTON.

ASSEMBLY HALL.

183. Webber, W.
 Landscape.
 Cows standing in a brook, near a bridge; trees and mountains
 in the background.
 Signed and dated, '79.
 Size, $23\frac{1}{2}$ inches by $43\frac{1}{2}$ inches.
 Gift of the teachers of the school, 1879.
184. Artist unknown.
 Portrait of Mr. Bartlett.
 First master of the old Samuel Adams School, now the Commodore
 Barry School.
 Oval, bust portrait; he has a full, reddish-brown beard.
 Size, $34\frac{1}{2}$ inches by 27 inches.
 Gift of the alumni of the school.
185. Artist unknown.
 Portrait of Robert Comfort Metcalf (1833-1911).
 Former master of the old Samuel Adams School.
 Oval, bust portrait; he has a white chin beard.
 Size, $34\frac{1}{2}$ inches by 27 inches.
 Gift of the alumni of the school, about 1900.

CYRUS ALGER SCHOOL, SEVENTH STREET, NEAR C STREET,
SOUTH BOSTON.

CORRIDOR, FIRST FLOOR.

186. Artist unknown.
 Portrait of Cyrus Alger (1781-1856).
 Half-length figure, wearing spectacles, and holding large papers
 in his left hand.
 Size, $35\frac{1}{4}$ inches by $27\frac{1}{2}$ inches.
 Probably given by his family in 1882, when the school was opened.

DAMON SCHOOL. READVILLE STREET, HYDE PARK.

HEAD-MASTER'S CLASS ROOM.

187. Clements, George H.
 Water-color: Landscape.
 Signed and dated, '86.
 Size, 12 inches by $8\frac{1}{2}$ inches.

CLASS ROOM.

- 188-189. Artist unknown.
 Two landscapes.
 Size of each, $17\frac{1}{2}$ inches by 23 inches.
 Property of Mrs. Elizabeth de Sanacour, teacher.

DILLAWAY SCHOOL, KENILWORTH STREET, ROXBURY.

190. Caliga, Isaac Henry (1857-).
 Portrait of Sarah Jane Baker (1829-1905).
 Principal of the school, 1884-1905.
 Half-length seated figure, dressed in black, her right hand held up to her chin, her left hand resting in her lap, holding a book with her forefinger between the leaves.
 Signed and dated, 1905.
 Size, 36 inches by 27 inches.
 Gift of pupils, teachers and friends, February, 1905.

DWIGHT SCHOOL, WEST SPRINGFIELD STREET,
SOUTH END.

ASSEMBLY HALL.

191. Hardie, Robert Gordon (1854-1904).
 Portrait of James Alfred Page (1826-).
 First master, 1850-1904.
 Three-quarter length figure, seated at his desk.
 Signed and dated, 1892.
 Size, 49½ inches by 39¾ inches.
 Painted by order of the Dwight School Association and owned by the association.
192. Artist unknown.
 Charlotte Corday (1768-1793).
 She stands dressed in light blue, surrounded by angry figures, two of whom hold her arms; a little dog, in front of her, is barking at her; in the background, Marat in his bath.
 Canvas torn.
 Size, 50½ inches by 63¼ inches.
 Gift to the school, 1889 (?).

EMERSON SCHOOL, PRESCOTT STREET, EAST BOSTON.

ASSEMBLY HALL.

193. George, Vesper Lincoln (1865-).
 Portrait of Mary Ann Ford (1838-).
 Teacher, 1866-1909.
 Three-quarter length figure, seated by a table, on which there are books; her right hand, holding her eyeglasses, rests on the table.
 Signed and dated, 1911.
 Size, 39 inches by 34 inches.
 Gift of graduates and friends of the school, 1911.
194. George, Vesper Lincoln (1865-).
 Portrait of Joseph Willard Brown (1839-1910).
 Master, 1891-1910.
 Three-quarter length figure, seated in an armchair.
 Painted from photographs.
 Signed and dated, 1911.
 Size, 39 inches by 34 inches.
 Gift of graduates and friends of the school, 1911.

EVERETT SCHOOL, NORTHAMPTON STREET, SOUTH END.

ASSEMBLY HALL.

195. Young, James Harvey (1830-).
 Portrait of George B. Hyde (1811-1889).
 Teacher, 1860-1878; master, 1878-1889.
 Nearly full-length seated figure of an elderly man, with full white beard; at his side a large globe; in his right hand a book with his forefinger between the leaves.

Signed and dated, 1879.

Size, $53\frac{1}{2}$ inches by $40\frac{1}{2}$ inches.

Gift of graduates, teachers and friends of the school, 1879.

196-197. Artist unknown.

"Original profiles of General and Mrs. Washington, of life size, formerly the property of Mrs. Elizabeth Bordley Gibson, to whom they were presented by the granddaughter of Mrs. Washington."

India ink on white paper.

Gift of Edward Shippen, President of the Board of Control of Schools of Philadelphia, November 22, 1866.

FRANKLIN SCHOOL, WALTHAM STREET, SOUTH END.

ASSEMBLY HALL.

198. Page, Walter Gilman (1862-).

Benjamin Franklin (1706-1790).

Life-size seated figure, beside a table covered with books; books on the floor at the left; a doorway, columns, and dark, gray-blue curtain in the background.

Signed and dated, January 17, 1906.

Size, $81\frac{1}{2}$ inches by $65\frac{1}{2}$ inches.

"Presented on the 200th anniversary of his birth by the Franklin School Association, the Class of 1905, and other friends of the school, January 17, 1906."

GASTON SCHOOL, CORNER FIFTH AND L STREETS, SOUTH BOSTON.

ASSEMBLY HALL.

199. Elwell, Albion (1850-).

Marine: "On the Georges."

Signed and dated, 1900.

Size, $48\frac{1}{2}$ inches by 83 inches.

Gift of the artist, 1900.

GEORGE PUTNAM SCHOOL, COLUMBUS AVENUE, ROXBURY.

ASSEMBLY HALL.

200. Partridge, William Henry (1859-).

Portrait of Henry Lincoln Clapp (1839-).

Master, 1882-1910.

Bust portrait.

Signed and dated, 1909.

Size, $26\frac{1}{2}$ inches by $21\frac{1}{2}$ inches.

"Presented by the pupils of the district, 1910."

HEAD-MASTER'S OFFICE.

201. Lovewell, R.

Water-color: The Cup Defender.

Signed.

Size, $19\frac{1}{4}$ inches by $13\frac{1}{4}$ inches.

Gift of the Class of 1892, 1892.

GILBERT STUART SCHOOL, RICHMOND STREET, LOWER MILLS.

All the pictures listed were presented by the artists, 1897.

HEAD-MASTER'S OFFICES.

202. Townsend, Frances B.

Farm scene: Boy with a Calf.

Signed.

Size, $12\frac{1}{2}$ inches by 16 inches.

203. Wadsworth, Adelaide E.
Portrait of Major-General Henry Knox (1750-1806).
Reduced copy of the portrait by Gilbert Stuart in the Museum
of Fine Arts, Boston. See No. 41.
Size, 13 inches by $13\frac{3}{4}$ inches.
- 204-211 are water-colors.
204. Lamb, F. M.
Puppies Playing.
Signed and dated, '96.
Size, $19\frac{3}{4}$ inches by $13\frac{1}{2}$ inches.
205. Turner, Ross Sterling (1847-).
Summer landscape.
Signed.
Size, $12\frac{3}{4}$ inches by $18\frac{1}{4}$ inches.
206. Sanderson, C. W.
Winter scene.
Signed and dated, 1897.
Size, 14 inches by $10\frac{1}{4}$ inches.
207. Brown, R., Jr.
Concord Bridge.
Signed.
Size, $10\frac{1}{4}$ inches by $14\frac{1}{4}$ inches.
208. Foster, J. B.
Thatcher's Island.
Signed.
Size, $8\frac{1}{2}$ inches by 12 inches.
209. Sandham, H. H.
The Road to the Mountains.
Signed.
Size, $13\frac{1}{2}$ inches by $19\frac{1}{2}$ inches.
210. Bixbee, William Johnson (1850-).
After a Shower in the City.
Signed.
Size, $9\frac{1}{2}$ inches by $8\frac{1}{4}$ inches.
211. Field, J. F.
Chrysanthemums.
Signed.
Size, $16\frac{1}{2}$ inches by $12\frac{3}{4}$ inches.
212. Page, Walter Gilman (1862-).
Five small pen and ink sketches in one frame.

HANCOCK SCHOOL, PARMENTER STREET, NORTH END.

HALL.

213. Page, Walter Gilman (1862-).
Portrait of John Hancock (1737-1793).
Bust portrait; he wears a blue coat and waistcoat, trimmed with
gold lace.
Size, $42\frac{1}{2}$ inches by $35\frac{1}{2}$ inches.
Gift of the John Hancock Chapter of the Daughters of the American
Revolution, October 25, 1906.
214. Wight, Moses (1827-1895).
Portrait of George Allen (? -1864).
Master, ? -1864.
Size, $29\frac{1}{2}$ inches by $24\frac{1}{2}$ inches.
Loaned, probably permanently, by the Hancock School Association,
January, 1909.
215. Page, Walter Gilman (1862-).
Portrait of Lewis Henry Dutton (1842-1904).
Master, 1884-1904.
Signed.
Size, $29\frac{1}{2}$ inches by $24\frac{1}{2}$ inches.
Gift of graduates, teachers and friends of the school, June, 1908.

STAIRWAY.

216. Page, Walter Gilman (1862-).
 Paul Revere's Ride.
 Signed and dated, 1906.
 Size, 49 inches by 64 inches.
 Gift of the artist, June, 1908.

HENRY L. PIERCE SCHOOL, WASHINGTON STREET,
DORCHESTER.

ASSEMBLY HALL.

217. Wagner, Jacob.
 Portrait of Daniel Webster (1782-1852).
 Copy of the portrait by Joseph Ames, owned by Joseph Burnett.
 Half-length standing figure.
 Size, 55½ inches by 42½ inches.
 "Presented by Henry L. Pierce, to commemorate Webster's
 residence in 1882, on the spot on which this building stands."
 Presented, 1892.
218. Wagner, Jacob.
 Portrait of Major-General Henry Knox (1750-1806).
 Copy of the portrait by Gilbert Stuart, in the Museum of Fine
 Arts, Boston. See No. 41.
 Size, 47½ inches by 37½ inches.
 "Presented by Henry L. Pierce, to commemorate General Knox's
 residence in 1784-85, on the spot on which this building stands."
 Presented, 1892.
219. Wagner, Jacob.
 Portrait of Henry Lillie Pierce (1825-1896).
 Copy of the portrait painted by Leon Bonnat in 1895, now owned
 by the Museum of Fine Arts, Boston.
 Three-quarter length seated figure.
 Size, 48¾ inches by 38¾ inches.
 "Presented, February 8, 1898, by relatives and friends of Henry
 L. Pierce."

HORACE MANN SCHOOL, 178 NEWBURY STREET,
BACK BAY.

RECEPTION ROOM.

220. Artist unknown.
 Portrait of Rev. Dexter S. King, as a young man.
 Half-length figure.
 Size, 29¼ inches by 24¼ inches.
 Gift of connections of Mr. King's family, September, 1890.
221. Hudson, John B.
 Marine: On the Coast of Maine.
 Water-color.
 Size, 9 inches by 19¾ inches.
 Gift of the artist, February 14, 1899.

UPPER CORRIDOR.

222. Page, Mrs. Marie Danforth (1869-).
 Portrait of Miss Sarah Fuller (1836-).
 Miss Fuller at the right, seated behind a table teaching a little
 girl facing her on the opposite side of the table.
 Size, 36½ inches by 37¼ inches.
 Gift of the teachers and former pupils of the school, 1911.

HUGH O'BRIEN SCHOOL, DUDLEY STREET, ROXBURY.

ASSEMBLY HALL.

223. Hardie, Robert Gordon (1854-1904).
 Portrait of Harlan P. Gage (1843-1890).
 First master of the school, 1887-1890.
 Half-length portrait.
 Signed and dated, June, 1892.
 Size, $29\frac{1}{4}$ inches by $24\frac{1}{2}$ inches.
 Gift of the teachers, 1892.

ROOM 11.

224. Brammer, J.
 Water-color: Purple and White Lilacs.
 Signed.
 Size, $20\frac{3}{4}$ inches by 14 inches.
 Gift of the pupils of the room, 1896.
225. Buhler, A. W.
 Water-color: A Scene in Holland.
 Signed.
 Size, $20\frac{1}{2}$ inches by $13\frac{1}{2}$ inches.
 Gift of the pupils of the room, 1898.
226. Burbank, Amy L. (formerly teacher of drawing).
 Gloucester.
 Size, 24 inches by 18 inches.
 Gift in 1903 of the pupils of the room in 1902 and 1903, in memory
 of Maria L. Mace, formerly teacher in this room.

Room 2.

227. Burbank, Amy L.
 Landscape.
 Size, 24 inches by 18 inches.
 Gift of Miss Burbank and the pupils of the room, 1907.

LOWELL SCHOOL, CENTRE STREET, JAMAICA PLAIN.

ASSEMBLY HALL.

228. Murphy, Hermann Dudley (1867-).
 Portrait of Daniel W. Jones (1829-1898).
 Master, 1874-1898.
 Half-length seated figure.
 Size, 48 inches by 36 inches.
 Gift of pupils and friends, 1898.
229. Artist unknown.
 Portrait of George Washington (1732-1799).
 Bust portrait, formerly in the old Heath House.
 Size, $26\frac{1}{2}$ inches by $21\frac{1}{2}$ inches.
 Acquired about 1880.
230. Piutti-Barth, Mme. E.
 Portrait of Erastus Emmons Grover (1857-1909).
 Teacher in the Lowell School, 1904-1909.
 Bust portrait.
 Signed and dated, 1911.
 Size, $29\frac{1}{2}$ inches by $23\frac{1}{2}$ inches.
 Gift of pupils and friends, December, 1911.

LYMAN SCHOOL, CORNER PARIS AND GOVE STREETS,
EAST BOSTON.

ASSEMBLY HALL.

231. Cobb, Darius (1834-).
Portrait of Hosea Lincoln (1821-1898).
Master, 1846-1888.
Bust portrait.
Signed.
Size, $30\frac{1}{2}$ inches by $24\frac{1}{2}$ inches.
Gift of the alumni, January 18, 1893.
232. Cobb, Darius (1834-).
Portrait of Cordelia Lothrop (1832-).
Teacher at the Lyman School, 1852-1900.
Bust portrait.
Signed and dated, 1901.
Size, $30\frac{1}{2}$ inches by $24\frac{1}{2}$ inches.
Gift of the alumni, April 29, 1902.

NORCROSS SCHOOL, D AND FIFTH STREETS, SOUTH BOSTON.

ASSEMBLY HALL.

233. Artist unknown.
Portrait of Otis Norcross.
Half-length figure, wearing a black coat and black stock.
Size, 36 inches by $28\frac{1}{4}$ inches.
Probably given by his family in 1867, when the school was opened.

OLIVER HAZARD PERRY SCHOOL, SEVENTH STREET, SOUTH
BOSTON.

ASSEMBLY HALL.

- 234-235. Merriman, Mrs. Helen Bigelow (1844-).
Two mural decorations.
1492: A Caravel.
1906: A Battleship.
Full color; the caravel treated decoratively, the battleship, realistically.
Done in oil on the plaster wall.
Circular, surrounded by laurel wreaths.
Painted in 1906.
Diameter of each about 7 feet.
Gift and purchase, 1906.

PAUL REVERE SCHOOL, PRINCE STREET, NORTH END.

Room 4.

236. Page, Walter Gilman (1862-).
Portrait of Paul Revere (1735-1818).
Bust portrait, painted from the portrait by Jane Stuart, owned by the Massachusetts Charitable Mechanics' Association, a copy of the portrait by Gilbert Stuart, now owned by Mrs. Nathaniel Thayer.
Size, $29\frac{1}{2}$ inches by $24\frac{1}{2}$ inches.
Gift of the Paul Revere Chapter of the Daughters of the American Revolution, September, 1898.
237. Page, Walter Gilman (1862-).
Portrait of Major William Dawes (1745-1799).
Bust portrait, copied from an original now in the possession of his grand-daughter, Miss Julia Goddard, Brookline.
Size, $35\frac{1}{2}$ inches by $29\frac{1}{2}$ inches.
Gift of the Hannah Goddard Chapter of the Daughters of the American Revolution, October 19, 1898.

PRINCE SCHOOL, NEWBURY STREET, CORNER EXETER STREET, BACK BAY.

ASSEMBLY HALL.

238. Parker, Edgar (1840-1892).
 Portrait of Frederick Octavius Prince (1818-1899).
 Mayor of the City of Boston, 1876, 1879, 1880, 1881.
 Three-quarter length standing figure, wearing a black frock coat, his right hand stuck in his coat, and his left hand holding a cane.
 Signed and dated, 1881.
 Size, $51\frac{1}{2}$ inches by $33\frac{1}{2}$ inches.
 At the dedication exercises of the school, December 11, 1881,
 "The portrait of his Honor Mayor Prince, a gift to the school from numerous friends, was presented by his Excellency Governor John D. Long."

ROGER WOLCOTT SCHOOL, MORTON STREET, DORCHESTER.

HEAD-MASTER'S OFFICE.

239. MacNeal, Frederic A.
 Water-color: Mt. Desert.
 Signed.
 Size, $13\frac{3}{4}$ inches by $20\frac{1}{4}$ inches.
 Gift of the Class of 1899, 1899.
240. Lansil, Walter Franklin (1846-).
 Water-color: An Old New England Home.
 Signed and dated, 1896.
 Size, $14\frac{1}{2}$ inches by $20\frac{3}{4}$ inches.
 Gift in 1902 of Edith B. Lansil, who graduated in 1903.

CORRIDOR, FIRST FLOOR.

241. Lansil, Walter Franklin (1846-).
 Water-color: Along the Riva, Venice.
 Signed and dated, 1901.
 Size, $13\frac{3}{4}$ inches by $21\frac{1}{4}$ inches.
 Gift, in 1901, of Frances M. Lansil, who graduated in 1902.

TEACHERS' ROOM.

242. Thayer, Mrs. Kate Pierce (formerly teacher of drawing).
 Water-color: The Bend in the River.
 Signed.
 Size, $14\frac{1}{2}$ inches by $9\frac{1}{2}$ inches.
 Gift of the artist, 1902.

CLASS ROOM.

243. Porter, Edwin Forsythe.
 Water-color: Returning Sail Boat.
 Signed and dated, 1904.
 Size, $14\frac{1}{2}$ inches by $21\frac{1}{2}$ inches.
 Gift of the Class of 1905, 1905.

SHERWIN SCHOOL, STERLING STREET, ROXBURY.

244. Young, James Harvey (1830-).
 Portrait of Thomas Sherwin (1799-1869).
 Half-length figure.
 Size, $31\frac{1}{2}$ inches by 25 inches.
 Given in 1871.

THOMAS N. HART SCHOOL, H AND EAST FIFTH STREETS,
SOUTH BOSTON.

ASSEMBLY HALL.

245. Hardie, Robert Gordon (1854-1904).
Portrait of Alonzo Garcelon Ham (1836-1895).
Master, 1889-1895.
Bust portrait.
Size, $29\frac{1}{2}$ inches by $24\frac{1}{2}$ inches.
Gift of the teachers and pupils, 1895.
246. Cahoon, Charles D.
Portrait of John Dudley Philbrick (1862-1902).
Teacher, 1891-1895; sub-master, 1895-1902.
Bust portrait.
Size, $22\frac{1}{4}$ inches by 18 inches.
Gift of the teachers, 1902.

Room 12.

247. Carbee, Scott Clifton (1860-).
Graduated from the Lincoln School, 1877.
"The Old Soldier."
Crayon drawing.
Size, 16 inches by 12 inches.
Gift of the artist, 1884.

TYLER STREET SCHOOL, TYLER STREET, SOUTH END.

Room 4.

248. Clarke, Sarah Freeman.
Temple of Esneh.
Signed with monogram.
Size, 36 inches by $23\frac{1}{2}$ inches.
Deposited by the Museum of Fine Arts, Boston, 1905.
249. Artist unknown.
Landscape.
Size, 22 inches by $35\frac{3}{4}$ inches.
Deposited by the Museum of Fine Arts, Boston, 1905.
250. Babcock, William P. (1826-1899).
A Basket of Flowers.
In the upper left-hand corner is the head of a young woman leaning over a basket of gay flowers, held up by a cupid, whose head only is seen, in the lower right-hand corner.
Size, $17\frac{3}{4}$ inches by $21\frac{1}{2}$ inches.
Deposited by the Museum of Fine Arts, Boston, 1905.

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CITY OF BOSTON.

BOARD OF ART COMMISSIONERS,

1151 TREMONT BUILDING.

THOMAS ALLEN, <i>Chairman</i>	12 Commonwealth ave.
J. T. COOLIDGE, JR., <i>Secretary</i> ,	114 Beacon street.
ALEXANDER W. LONGFELLOW,	12 Mt. Vernon street.
CHARLES D. MAGINNIS . . .	18 Radnor road.
ALEXANDER STEINERT . . .	401 Commonwealth ave.

Respectfully submitted,

THOMAS ALLEN,
Chairman.



ANNUAL REPORT
OF THE
ASSESSING DEPARTMENT
FOR THE YEAR 1911.

ASSESSORS' OFFICE, CITY HALL,
BOSTON, MASS., February 1, 1912.

HON. JOHN. F. FITZGERALD,
Mayor of the City of Boston:

SIR,—In accordance with the requirements of the existing ordinance, the Board of Assessors respectfully submit the following report:

TAX WARRANTS.

Warrants for the assessments of taxes in the City of Boston for the financial year commencing February 1, 1911, were received by the Board of Assessors as follows:

A state warrant for the proportion of the City of Boston of a state tax of \$5,500,000, as fixed by chapter 752, Acts of 1911	\$1,880,395 00
A state warrant for a tax to be paid to the Commonwealth for the abolition of grade crossings, in accordance with the provisions of chapter 111, section 155, of the Revised Laws, and all acts in addition or amendment thereto	116,115 29
<i>Carried forward</i>	<u>\$1,996,510 29</u>

¹ The warrant states that of the assessments for grade crossings (\$116,115.29) \$101,303.41 is for assessment, and \$14,811.88 for interest.

For grade crossing at Congress street, assessment	\$17,410 41
Interest	2,947 93
For grade crossing at Tremont street, assessment	31,851 06
Interest	6,540 40
For grade crossing at East Boston, assessment	27,000 00
Interest	3,464 00
For grade crossing, Dudley street, assessment	553 76
Interest	19 44
For grade crossing, Freeport, Walnut streets, etc., assessment	23,950 97
Interest	1,813 79
For grade crossing at Blue Hill avenue and Oakland street	573 21
Interest	26 32

\$116,115 29

<i>Brought forward</i>	\$1,996,510 29
A state warrant for a tax to be paid to the Commonwealth for the proportion of the City of Boston of the expense of "building, maintenance, and operation of a system of sewage disposal for the Mystic and Charles River Valleys," as determined by chapter 439, Acts of 1889, and other acts relating thereto, North Metropolitan sewerage tax	177,610 33
A state warrant for a tax to be paid to the Commonwealth for the proportion of the City of Boston of the expense of a system of sewage disposal for the Neponset River Valley, chapter 406, Acts of 1895, and for the construction of a high level gravity sewer for the relief of the Charles and Neponset River Valleys, chapter 424, Acts of 1899, and any and all acts in addition and amendment thereto, South Metropolitan sewerage tax	² 202,379 19
A state warrant for a tax to be paid to the Commonwealth for Metropolitan parks and boulevards, chapter 407, Acts 1893; chapter 550, Acts 1896; chapter 464, Acts 1899	³ 601,526 77
A state warrant for a tax to be paid to the Commonwealth for Charles River Basin under section 9, chapter 465, Acts 1903, as amended	59,824 85
A state warrant for a tax to be paid to the Commonwealth for Massachusetts Highways	138 50
A state warrant for a tax to be paid to the Commonwealth for smoke abatement	3,987 15
A county warrant for the tax of Suffolk County for county purposes [see section 53, chapter 12, R. L.]	1,590,994 72
A city warrant for the tax of the City of Boston for city purposes [see section 53, chapter 12, R. L.]	13,524,918 17
A warrant for school expenses [chapter 400, Acts of 1898], as amended	5,026,971 38
Total	<u>\$23,084,861 35</u>

¹ The warrant states that of the assessment for North Metropolitan sewer (\$77,610.33) \$17,634.18 is for sinking fund, \$31,584.86 is to pay interest and \$28,661.29 is for maintenance and operation.

² The warrant states that of the assessment for South Metropolitan sewer (\$202,379.19) \$28,082.84 is for sinking fund, \$123,623.55 is for interest and \$50,672.80 is for maintenance and operation.

³ The warrant states that of the assessment for Metropolitan parks (\$601,526.77) \$80,894.71 is for sinking fund, \$228,008.33 is for interest, \$291,434.67 is for maintenance and operation and \$1,189.06 is to meet maturing serial bonds divided as follows:

	Serial Bonds.	Sinking Fund.	Interest.	Maintenance.	Total.
Parks	\$1,189 06	\$61,850 50	\$173,227 84	\$231,089 70	\$467,357 10
Boulevard		14,405 37	42,279 82	44,588 05	101,273 24
Nantasket		4,638 84	12,500 67	15,756 92	32,896 43
	\$1,189 06	\$80,894 71	\$228,008 33	\$291,434 67	\$601,526 77

The Board of Assessors received a state warrant in accordance with the provisions of chapter 488, Acts 1895, and chapter 453, Acts 1901, and any and all acts in addition and amendment thereto, entitled "An Act to Provide for a Metropolitan Water Supply," amounting to \$1,815,658.85. This amount was not included in the amount upon which the rate of taxation was based, as the estimated income of the Water Department of the City of Boston was sufficient to meet the expenditure.

POLL TAX ASSESSMENTS.

The number of polls recorded for assessment before August 22, 1911, and included in the estimate that determined the rate of taxation for the current year was 195,533. Under the operation of the law providing for supplementary assessment of omitted male persons, liable to assessment, there were added to the list 52 polls, making the total number of males assessed 195,585.

VALUATION.

The valuation of the city as of the first day of April, 1911, determined by the assessors August 22, when the rate of taxation for the current year was fixed, was as follows:

Value of land	\$685,483,800 00	
Value of buildings	461,179,600 00	
Total value of real estate		\$1,146,663,400 00
Value of personal property other than bank stock	\$266,207,600 00	
Value of shares in national banks, located in Boston, taxable in said city	15,478,513 80	
Total value of personal estate		281,686,113 80
Total valuation		\$1,428,349,513 80
Assessments under the provisions of section 85 of chapter 490, Part I., Acts 1909, personal estate		7,074,000 00
Assessments under the provisions of section 85 of chapter 490, Part I., Acts 1909, real estate		100,600 00
Supplementary Assessments, personal estate		2,800 00
The total valuation of the city upon which taxes were assessed for the financial year 1911-12, when all assessments were made, was		<u>\$1,435,526,913 80</u>

The warrant states that of the assessment for a metropolitan water supply (\$1,825,362.87) \$403,226.14 is for sinking fund, \$1,107,787.43 is for interest, \$310,435.29 is for maintenance and \$3,912.01 is to meet maturing serial bonds.

The valuation can be increased \$841,500 for bank stock assessed at the several rates of the places where the banks are located, as the Tax Commissioner of the Commonwealth credits the City of Boston with the stock held by its citizens in Massachusetts banks located outside that city. It may be further increased by \$96,170,200 on account of Massachusetts corporation credits.

TAXABLE VALUATIONS.

<i>Real and personal estate by assessors' general assessment</i>	\$1,428,349,513 80
<i>Real and personal estate by assessors' supplementary assessment</i>	7,177,400 00
<i>Massachusetts corporation stock [assessed by state], tax paid to the city</i>	96,170,200 00
<i>Massachusetts national bank shares [assessed by state], tax paid to the city</i>	841,500 00
Total taxable valuation	<u>\$1,532,538,613 80</u>

EXEMPT VALUATIONS.

<i>Real estate of the United States</i>	\$26,064,000 00
<i>Real estate of the Commonwealth</i>	17,600,800 00
<i>Real estate of the City of Boston</i>	122,325,700 00
<i>Real estate of the town of Brookline</i>	78,200 00
<i>Real estate of houses of religious worship, including cemeteries</i>	25,114,900 00
<i>Real estate of charitable, scientific and literary corporations</i>	33,817,600 00
<i>Personal property of charitable, scientific and literary corporations</i>	50,057,631 84
Total exempt valuation	<u>275,058,831 84</u>
Total valuation as of April 1, 1911	<u>\$1,807,597,445 64</u>

THE RATE OF ASSESSMENT AND TAXES COMMITTED TO THE COLLECTOR.

The rate of taxation needed to raise the amount of the several warrants, and the overlay authorized by section 55 of chapter 12 of the Revised Laws, was determined by the assessors to be 1.64 per cent, or \$16.40 per \$1,000; of this rate \$2.13 was for state, \$1.15 for county and \$13.12 for the city tax.

The <i>land, marsh and flats</i> , valuation of \$685,483,800, at \$16.40 per \$1,000, gave assessment amounting to	\$11,241,934 32
The <i>dwellings</i> , stores and other structures, valuation of \$461,179,600, at \$16.40 per \$1,000, gave assessment amounting to	7,563,345 44
Total tax, real estate assessment	\$18,805,279 76
The <i>personal estate</i> valuation of \$281,686,113.80, at \$16.40 per \$1,000, gave assessment amounting to	4,619,652 26
The <i>total</i> valuation of \$1,428,349,513.80, at \$16.40 per \$1,000, gave a total property tax of	\$23,424,932 02
195,533 male polls, at \$2 each, amounted to	391,066 00
The taxes as determined by the assessors, when the rate for the year was fixed, and their list and warrant therefor was committed to the collector, aggregated	<u>\$23,815,998 02</u>
Carried forward	\$23,815,998 02

<i>Brought forward</i>	\$23,815,998 02
<i>Supplementary assessments</i> for omitted persons, 52 polls, ...	104 00
And \$2,800 personal estate	45 92
<i>Supplementary assessments</i> of omitted estates, added in accordance with the provisions of section 85, chapter 12, of the Revised Laws, \$100,600 real estate	1,649 84
And \$7,074,000 of personal estate	116,013 60
The total taxes committed to the collector for the financial year 1911-12 amounted to	<u>\$23,933,811 38</u>

The collector was also notified that there was due the City of Boston from the Commonwealth of Massachusetts under the provisions of chapter 12, section 12, of Revised Laws, amended chapter 161, Acts 1903, the sum of \$4,920 on account of Chestnut Hill Reservoir.

The collector was also notified that there was due from the town of Brookline, under the same provisions of law, the sum of \$27.88, on account of Brookline water supply.

Detail of Exempt Property of the City of Boston.

	Value Land.	Value Buildings.	Total.
Schools	\$5,214,100	\$14,710,200	\$19,924,300
Engine houses	851,200	1,165,700	2,016,900
Police stations	545,600	505,400	1,051,000
Public buildings	5,692,300	1,927,200	7,619,500
Islands	998,700	1,563,900	2,562,600
Salable	406,900	28,400	435,300
Playgrounds	1,710,900	59,600	1,770,500
Parks	58,357,200	660,200	59,017,400
Ferries	365,200	245,000	610,200
County	2,615,300	4,505,000	7,120,300
Libraries	1,526,200	2,068,400	3,594,600
Cemeteries	6,490,100	86,300	6,576,400
Subway locations	2,480,500	49,400	2,529,900
Faneuil Hall Market	1,616,600	300,000	1,916,600
Hospitals	1,286,800	2,759,800	4,046,600
Gymnasiums and baths	715,500	426,300	1,141,800
Waterworks	244,400	147,400	391,800
Totals	\$91,117,500	\$31,208,200	\$122,325,700

Cost of the parks to January 31, 1912: •	
Land	\$8,590,347 69
Construction	10,719,708 65
Total	<u>\$19,310,056 34</u>

The law requiring the assessors to make a return of the assets of the city was repealed in 1911, and the figures shown in the following table are for real estate only. All of the parks (Common, Public Garden, etc.) are included which did not appear in the table of assets; but it does not include the various items of personal (Sinking Funds, etc.), detail of which appears in the Auditor's report.

**Assessors' Valuation of the Real and Personal Estates and Number
Assessed Thereon, as of the First Day of April, in the Year**

WARDS.	Polls.	Valuation Real Estate.	Valuation Personal Estate.	Total Valuation.
1.....	8,389	\$17,772,300	\$1,101,000 00	\$18,873,300 00
2.....	6,783	22,038,200	945,600 00	22,983,800 00
3.....	4,086	11,810,800	838,600 00	12,649,400 00
4.....	4,089	13,714,100	798,400 00	14,512,500 00
5.....	4,018	12,492,700	1,536,300 00	14,029,000 00
6.....	10,613	176,585,400	36,578,100 00	213,163,500 00
7.....	5,523	291,208,300	71,997,600 00	363,205,900 00
8.....	9,468	35,490,200	3,879,500 00	39,369,700 00
9.....	8,679	24,533,400	1,706,800 00	26,240,200 00
10.....	8,787	66,377,200	5,544,800 00	71,922,000 00
11.....	6,534	128,618,000	87,852,500 00	216,470,500 00
12.....	8,276	21,324,100	3,280,200 00	24,604,300 00
13.....	6,617	30,945,400	7,094,500 00	38,039,900 00
14.....	6,481	13,759,700	787,900 00	14,547,600 00
15.....	5,908	9,276,300	605,700 00	9,882,000 00
16.....	7,403	16,091,800	1,244,400 00	17,336,200 00
17.....	6,912	20,083,400	1,524,600 00	21,608,000 00
18.....	6,530	16,036,800	628,800 00	16,665,600 00
19.....	8,468	24,342,200	2,283,900 00	26,626,100 00
20.....	16,888	46,549,400	5,932,800 00	52,482,200 00
21.....	8,862	27,564,400	5,722,900 00	33,287,300 00
22.....	8,466	22,529,100	5,073,000 00	27,602,100 00
23.....	8,813	29,383,000	10,696,700 00	40,079,700 00
24.....	11,056	33,839,700	3,752,400 00	37,592,100 00
25.....	7,884	34,297,500	4,800,600 00	39,098,100 00
Totals.....	195,533	\$1,146,663,400	\$266,207,600 00	\$1,412,871,000 00
Bank stock.....			15,478,513 80	15,478,513 80
Grand totals..	195,533	\$1,146,663,400	\$281,686,113 80	\$1,428,349,513 80

of Polls in Each of the Twenty-five Wards of the City and the Taxes
1911. Rate, \$16.40 per \$1,000. Original Assessments.

Tax on Polls.	Tax on Real Estate.	Tax on Personal Estate.	Total Tax.	WARDS.
\$16,778	\$291,465 72	\$18,056 40	\$326,300 12	 1
13,566	361,426 48	15,507 84	390,500 32	 2
8,172	193,697 12	13,753 04	215,622 16	 3
8,178	224,911 24	13,093 76	246,183 00	 4
8,036	204,880 28	25,195 32	238,111 60	 5
21,226	2,896,000 56	599,880 84	3,517,107 40	 6
11,046	4,775,816 12	1,180,760 64	5,967,622 76	 7
18,936	582,039 28	63,623 80	664,599 08	 8
17,358	402,347 76	27,991 52	447,697 28	 9
17,574	1,088,586 08	90,934 72	1,197,094 80	 10
13,068	2,109,335 20	1,440,781 00	3,563,184 20	 11
16,552	349,715 24	53,795 28	420,062 52	 12
13,234	507,504 56	116,349 80	637,088 36	 13
12,962	225,659 08	12,921 56	251,542 64	 14
11,816	152,131 32	9,933 48	173,880 80	 15
14,806	263,905 52	20,408 16	299,119 68	 16
13,824	329,367 76	25,003 44	368,195 20	 17
13,060	263,003 52	10,312 32	286,375 84	 18
16,936	399,212 08	37,455 96	453,604 04	 19
33,776	763,410 16	97,297 92	894,484 08	 20
17,724	452,056 16	93,855 56	563,635 72	 21
16,932	369,477 24	83,197 20	469,606 44	 22
17,626	481,881 20	175,425 88	674,933 08	 23
22,112	554,971 08	61,539 36	638,622 44	 24
15,768	562,479 00	78,729 84	656,976 84	 25
\$391,066	\$18,805,279 76	\$4,365,804 64	\$23,562,150 40	 Totals
.....	.....	253,847 62	253,847 62	 Bank stock
\$391,066	\$18,805,279 76	\$4,619,652 26	\$23,815,998 02	 Grand totals

**Gain and Loss, Real, Personal and Polls, by Wards, 1911,
Compared with 1910.**

WARDS.	Gain, Real.	Gain, Personal.	Loss, Personal.	Total Gain, Real and Personal.	Gain, Polls.
1.....	\$2,535,800	.....	\$52,000	\$2,483,800 00	74
2.....	2,955,200	\$88,100 00	.....	3,043,300 00	88
3.....	370,500	62,800 00	.....	433,300 00	Loss, 181
4.....	Loss, 85,000	51,300 00	.....	Loss, 33,700 00	Loss, 127
5.....	Loss, 43,100	.....	255,400	Loss, 298,500 00	Loss, 127
6.....	2,921,100	366,900 00	.....	3,288,000 00	Loss, 296
7.....	5,631,400	4,393,000 00	.....	10,024,400 00	Loss, 44
8.....	221,800	262,000 00	.....	483,800 00	Loss, 180
9.....	Loss, 289,400	166,300 00	.....	Loss, 123,100 00	Loss, 53
10.....	1,053,200	334,800 00	.....	1,388,000 00	Loss, 372
11.....	1,724,100	6,641,100 00	.....	8,365,200 00	Loss, 174
12.....	Loss, 8,600	512,200 00	.....	503,600 00	Loss, 64
13.....	2,605,400	791,700 00	.....	3,397,100 00	Loss, 79
14.....	529,900	70,900 00	.....	600,800 00	Loss, 173
15.....	Loss, 25,800	15,500 00	.....	Loss, 10,300 00	Loss, 67
16.....	303,200	.....	11,600	291,600 00	51
17.....	30,700	132,500 00	.....	163,200 00	Loss, 216
18.....	Loss, 5,100	46,300 00	.....	41,200 00	Loss, 177
19.....	677,400	41,900 00	.....	719,300 00	36
20.....	1,412,300	809,300 00	.....	2,221,600 00	1,025
21.....	196,500	310,600 00	.....	507,100 00	98
22.....	240,500	390,400 00	.....	630,900 00	Loss, 137
23.....	1,123,000	.....	11,321,200	Loss, 10,198,200 00	377
24.....	1,574,100	404,300 00	.....	1,978,400 00	388
25.....	2,025,200	113,200 00	.....	2,138,400 00	14
Bank stock.....	\$27,674,300	\$16,005,100 00	\$11,640,200	\$32,039,200 00	Loss, 316
		2,549,890 16	.....	2,549,890 16	.....
Totals..	\$27,674,300	\$18,554,990 16	\$11,640,200	\$34,589,090 16	Loss, 316

Supplementary Assessments of Polls and Omitted Estates in Each of the Twenty-five Wards of the City, and the Taxes Assessed Thereon, as of the First Day of April, in the Year 1911. Rate, \$16.40 per \$1,000.

WARDS.	Polls.	Valuation Real Estate.	Valuation Personal Estate.	Tax on Polls.	Tax on Real Estate.	Tax on Personal Estate.	Total Tax.
1.....	1		\$476,000	\$2		\$7,806 40	\$7,808 40
2.....	3	\$2,400		6	\$39 36		45 36
3.....			6,000			98 40	98 40
4.....			3,000			49 20	49 20
5.....	2		1,200	4		19 68	23 68
6.....	5		248,500	10		4,075 40	4,085 40
7.....	3		714,700	6		11,721 08	11,727 08
8.....	3		28,500	6		467 40	473 40
9.....	6		5,000	12		82 00	94 00
10.....	6		256,700	12		4,209 88	4,221 88
11.....	6		3,522,000	12		57,760 80	57,772 80
12.....	4		128,300	8		2,104 12	2,112 12
13.....	1		1,500	2		24 60	26 60
14.....			2,000			32 80	32 80
15.....			14,200			232 88	232 88
16.....			61,000			1,000 40	1,000 40
17.....	1		12,000	2		196 80	198 80
18.....	3		52,500	6		861 00	867 00
19.....	5	94,400	7,000	10	1,548 16	114 80	1,672 96
20.....			470,700			7,719 48	7,719 48
21.....	1		454,900	2		7,460 36	7,462 36
22.....			127,200			2,086 08	2,086 08
23.....	1		164,000	2		2,689 60	2,691 60
24.....	1		167,700	2		2,750 28	2,752 28
25.....		3,800	152,200		62 32	2,496 08	2,558 40
Totals...	52	\$100,600	\$7,076,800	\$104	\$1,649 84	\$116,059 52	\$117,813 36

Valuations Land and Buildings, by Wards, 1911, Compared with 1910.

WARDS.	1911.			1910.		
	Value Land.	Value Buildings.	Total Valuation.	Value Land.	Value Buildings.	Total Valuation.
1.....	\$7,066,500	\$10,705,800	\$17,772,300	\$6,192,900	\$9,043,600	\$15,236,500
2.....	11,344,400	10,693,800	22,038,200	8,815,500	10,267,500	19,083,000
3.....	6,548,100	5,262,700	11,810,800	6,559,800	4,880,500	11,440,300
4.....	7,165,800	6,548,300	13,714,100	7,230,800	6,568,300	13,799,100
5.....	7,077,000	5,415,700	12,492,700	7,124,700	5,411,100	12,535,800
6.....	131,776,100	44,809,300	176,585,400	129,646,500	44,017,800	173,664,300
7.....	222,801,200	68,407,100	291,208,300	217,755,200	67,821,700	285,576,900
8.....	21,192,500	14,297,700	35,490,200	21,170,300	14,098,100	35,268,400
9.....	11,211,200	13,322,200	24,533,400	11,397,800	13,425,000	24,822,800
10.....	38,946,000	27,431,200	66,377,200	38,773,500	26,550,500	65,324,000
11.....	75,090,700	53,527,300	128,618,000	74,661,800	52,232,100	126,893,900
12.....	8,968,900	12,355,200	21,324,100	9,005,900	12,326,800	21,332,700
13.....	18,189,400	12,756,000	30,945,400	16,889,000	11,451,000	28,340,000
14.....	4,454,600	9,305,100	13,759,700	4,144,800	9,085,000	13,229,800
15.....	3,365,500	5,910,800	9,276,300	3,387,400	5,914,700	9,302,100
16.....	5,545,800	10,546,000	16,091,800	5,512,900	10,275,700	15,788,600
17.....	9,758,900	10,324,500	20,083,400	9,705,400	10,347,300	20,052,700
18.....	7,689,000	8,347,800	16,036,800	7,693,800	8,348,100	16,041,900
19.....	11,836,400	12,505,800	24,342,200	11,399,500	12,265,300	23,664,800
20.....	14,454,200	32,095,200	46,549,400	14,420,400	30,716,700	45,137,100
21.....	9,833,700	17,730,700	27,564,400	9,890,000	17,477,900	27,367,900
22.....	9,016,900	13,512,200	22,529,100	9,015,100	13,273,500	22,288,600
23.....	13,550,600	15,832,400	29,383,000	13,410,400	14,849,600	28,260,000
24.....	12,490,100	21,349,600	33,839,700	12,351,800	19,913,800	32,265,600
25.....	16,110,300	18,187,200	34,297,500	15,951,000	16,321,300	32,272,300
Totals...	\$685,483,800	\$461,179,600	\$1,146,663,400	\$672,106,200	\$446,882,900	\$1,118,989,100

Gain and Loss of Land and Buildings by Wards, 1911-1910.

WARDS.	Land.	Buildings.	Total.
1.....	\$873,600	\$1,662,200	\$2,535,800
2.....	2,528,900	426,300	2,955,200
3.....	Loss, 11,700	382,200	370,500
4.....	Loss, 65,000	Loss, 20,000	Loss, 85,000
5.....	Loss, 47,700	4,600	Loss, 43,100
6.....	2,129,600	791,500	2,921,100
7.....	5,046,000	585,400	5,631,400
8.....	22,200	199,600	221,800
9.....	Loss, 186,600	Loss, 102,800	Loss, 289,400
10.....	172,500	880,700	1,053,200
11.....	428,900	1,295,200	1,724,100
12.....	Loss, 37,000	28,400	Loss, 8,600
13.....	1,300,400	1,305,000	2,605,400
14.....	309,800	220,100	529,900
15.....	Loss, 21,900	Loss, 3,900	Loss, 25,800
16.....	32,900	270,300	303,200
17.....	53,500	Loss, 22,800	30,700
18.....	Loss, 4,800	Loss, 300	Loss, 5,100
19.....	436,900	240,500	677,400
20.....	33,800	1,378,500	1,412,300
21.....	Loss, 56,300	252,800	196,500
22.....	1,800	238,700	240,500
23.....	140,200	982,800	1,123,000
24.....	138,300	1,435,800	1,574,100
25.....	159,300	1,865,900	2,025,200
Totals.....	\$13,377,600	\$14,296,700	\$27,674,300

Valuation Property of the United States of America, 1911.

WARDS.	Land.	Building.	Total.
2.....	\$746,600	\$10,359,500	\$11,106,100
3.....	5,308,000	1,329,200	6,637,200
6.....	5,219,600	2,700,000	7,919,600
7.....	360,100	41,000	401,100
Totals.....	\$11,634,300	\$14,429,700	\$26,064,000

Valuation Property of the Commonwealth of Massachusetts, 1911.

WARDS.	Land.	Building.	Total.
1.....	\$15,200	\$233,700	\$248,900
2.....	266,200	145,000	411,200
4.....	39,400	211,000	250,400
5.....	456,800	633,200	1,090,000
6.....	8,000	.....	8,000
8.....	2,799,400	2,869,300	5,668,700
10.....	171,500	170,000	341,500
11.....	978,300	182,700	1,161,000
12.....	70,000	200,000	270,000
13.....	2,941,100	18,000	2,959,100
14.....	1,058,600	.....	1,058,600
19.....	105,100	525,000	630,100
23.....	670,700	766,300	1,437,000
24.....	41,100	3,000	44,100
25.....	966,500	1,055,700	2,022,200
Totals.....	\$10,587,900	\$7,012,900	\$17,600,800

Valuation of City Property, 1911.

WARDS.	Land.	Building.	Total.
1.....	\$735,800	\$1,087,800	\$1,823,600
2.....	1,557,900	2,360,700	3,918,600
3.....	316,600	656,500	973,100
4.....	623,400	193,700	817,100
5.....	205,400	161,600	367,000
6.....	11,740,600	5,290,700	17,031,300
7.....	49,166,100	346,800	49,512,900
8.....	2,374,500	1,753,200	4,127,700
9.....	487,300	466,400	953,700
10.....	826,500	1,274,500	2,101,000
11.....	12,198,000	2,535,900	14,733,900
12.....	1,534,900	2,999,200	4,534,100
13.....	190,300	498,200	688,500
14.....	503,300	974,300	1,477,600
15.....	331,300	554,200	885,500
16.....	384,700	512,000	896,700
17.....	533,600	650,600	1,184,200
18.....	590,000	705,800	1,295,800
19.....	666,600	1,416,500	2,083,100
20.....	740,300	2,027,800	2,768,100
21.....	364,500	639,300	1,003,800
22.....	434,700	855,200	1,289,900
23.....	2,604,600	1,053,300	3,657,900
24.....	1,093,600	1,435,000	2,528,600
25.....	913,000	759,000	1,672,000
Totals.....	\$91,117,500	\$31,208,200	\$122,325,700

Valuation of Church Property, 1911.

WARDS.	Land.	Building.	Total.
1.....	\$58,200	\$214,000	\$272,200
2.....	61,700	248,500	310,200
3.....	22,400	72,700	95,100
4.....	21,900	53,100	75,000
5.....	88,200	225,400	313,600
6.....	3,226,000	479,600	3,705,600
7.....	3,226,500	558,500	3,785,000
8.....	153,300	104,100	257,400
9.....	278,200	763,400	1,041,600
10.....	720,100	2,232,100	2,952,200
11.....	3,908,600	1,986,800	5,895,400
12.....	446,500	591,600	1,038,100
13.....	70,000	202,500	272,500
14.....	88,400	280,000	368,400
15.....	45,500	115,200	160,700
16.....	93,900	267,000	360,900
17.....	83,800	168,400	252,200
18.....	230,100	169,300	399,400
19.....	18,300	45,000	63,300
20.....	160,100	417,500	577,600
21.....	237,500	495,000	732,500
22.....	210,500	379,900	590,400
23.....	101,500	377,300	478,800
24.....	144,300	471,700	616,000
25.....	169,800	331,000	500,800
Totals.....	\$13,865,300	\$11,249,600	\$25,114,900

Valuation of Property, Charitable, Literary, Benevolent Institutions, etc., Including Cemeteries.

WARDS.	Land.	Building.	Total.
1.....	\$35,400	\$101,000	\$136,400
2.....	459,200	154,300	613,500
3.....	238,000	22,000	260,000
4.....	56,900	111,400	168,300
5.....	34,500	92,400	126,900
6.....	1,199,900	696,900	1,896,800
7.....	1,653,000	798,200	2,451,200
8.....	1,415,700	1,285,300	2,701,000
9.....	208,400	333,400	541,800
10.....	2,130,400	1,993,600	4,124,000
11.....	3,225,000	997,200	4,222,200
12.....	692,300	1,324,100	2,016,400
13.....	40,600	48,000	88,600
14.....	58,900	38,100	97,000
15.....	159,800	421,100	580,900
16.....	128,300	106,000	234,300
17.....	134,700	196,400	331,100
18.....	167,300	191,100	358,400
19.....	2,450,500	5,123,200	7,573,700
20.....	233,800	361,000	594,800
21.....	81,800	68,300	150,100
22.....	515,500	699,900	1,215,400
23.....	769,800	504,500	1,274,300
24.....	472,400	157,900	630,300
25.....	422,400	1,007,800	1,430,200
Totals.....	\$16,984,500	\$16,833,100	\$33,817,600

Under section 5, chapter 12, of the Revised Laws returns were made by the officers of charitable, literary and scientific institutions, showing:

Receipts	\$11,114,190
Expenditures	10,528,907
Schedule "A," real estate owned and occupied	33,432,015
Schedule "B," real estate owned and not occupied	18,343,332
Schedule "C," personal estate	50,057,631

**Table Showing Valuations, Land and Buildings for
Twenty-five Years.**

	Value Land.	Value Buildings.	Total Value.
1911.....	\$685,483,800	\$461,179,600	\$1,146,663,400
1910.....	672,106,200	446,882,900	1,118,989,100
1909.....	659,393,300	433,208,700	1,092,602,000
1908.....	656,195,600	426,209,700	1,082,405,300
1907.....	652,995,300	417,869,400	1,070,864,700
1906.....	635,449,200	409,443,500	1,044,892,700
1905.....	618,642,250	402,775,450	1,021,417,700
1904.....	607,106,450	399,016,450	1,006,122,900
1903.....	594,599,750	390,960,550	985,560,300
1902.....	573,193,150	384,303,750	957,496,900
1901.....	547,246,600	377,790,900	925,037,500
1900.....	532,933,500	369,557,200	902,490,700
1899.....	507,596,250	359,213,450	866,809,700
1898.....	482,747,000	347,486,900	830,233,900
1897.....	468,406,850	335,453,700	803,860,550
1896.....	447,169,700	323,092,000	770,261,700
1895.....	443,694,900	311,056,150	744,751,050
1894.....	422,132,850	301,611,000	723,743,850
1893.....	417,280,175	290,482,100	707,762,275
1892.....	399,170,175	281,109,700	680,279,875
1891.....	381,299,825	268,938,550	650,238,375
1890.....	365,547,975	254,442,300	619,990,275
1889.....	350,404,975	243,395,000	593,799,975
1888.....	328,465,175	234,548,100	563,013,275
1887.....	322,207,075	224,964,100	547,171,175

ABATEMENTS.

The amount of abatements from all the foregoing assessments to January 31, 1912, was:

Polls	\$1,784 00
Real estate	107,826 46
Personal estate	72,721 04
Total	<u>\$182,331 50</u>

The amount of bank tax due the Commonwealth, as certified to the treasurer of the City of Boston November 6, 1911, was amended, on account of claims against the City of Boston, to read as follows:

Original warrant	\$615,622 98
Add for changes	25,393 74
	<u>\$641,016 72</u>
Less 1 per cent for collection	6,410 16
Net amount due Commonwealth	<u>\$634,606 56</u>

AVERAGE OF ASSESSORS' VALUATION FOR THREE YEARS.

In accordance with the requirements of section 5 of chapter 5 of the Revised Ordinances of 1898, as amended 1900, we herewith include a statement of the assessed valuation of the taxable property in the City of Boston, including Hyde Park, for each of the preceding three years, the abatements thereon allowed previous to the thirty-first day of December preceding, and the average of such valuations reduced by such abatements:

Year.	Valuations.	Abatements.
1909	\$1,371,584,072 22	\$11,798,706 00
1910	1,424,186,723 64	13,760,313 00
1911	1,451,158,428 80	9,824,883 00
Total	<u>\$4,246,929,224 66</u>	<u>\$35,383,902 00</u>
Less abatements	35,383,902 00	
	<u>\$4,211,545,322 66</u>	

divided by 3 gives \$1,403,848,440.88 — average valuation for three years, less abatements.

AVERAGE VALUATIONS 1902-1912.

		Basis Three Years.	
1902	.	.	\$1,114,501,306 30
1903	.	.	1,148,529,060 88
1904	.	.	1,179,268,057 95
1905	.	.	1,206,644,267 16
1906	.	.	1,229,429,222 11
1907	.	.	1,252,810,110 13
1908	.	.	1,277,830,274 99
1909	.	.	1,300,863,960 58
1910	.	.	1,323,892,973 85
1911	.	.	1,355,416,829 54
1912	.	.	1,403,848,440 88

TAXATION OF CORPORATE PROPERTY.

In accordance with the provisions of Acts of 1909, chapter 490, part I., section 93, the assessors in July, 1911, returned to the Tax Commissioner of the Commonwealth the names of 824 Massachusetts corporations located in Boston, "with a statement in detail of the works, structures, real estate and machinery owned by each of said corporations . . . with the value thereof," amounting to —

Real estate	.	.	.	.	.	.	.	.	.	\$180,110,387
Machinery	.	.	.	.	.	.	.	.	.	32,770,900
Total	.	.	.	.	.	.	.	.	.	<u>\$212,881,287</u>

BANKS.

Under the provisions of section 9 of chapter 14 of the Revised Laws, the Board of Assessors assessed the shares of the twenty-four national banks of Boston as follows:

	No. of Shares.	Valuation.	Amount of Tax.
Boston	67,013 89	\$15,478,513 80	\$253,847 62
All other cities and towns	173,486 11	37,537,986 20	615,622 98
Totals	<u>240,500 00</u>	<u>\$53,016,500 00</u>	<u>\$869,470 60</u>

Section 15 of said chapter provides that 1 per cent on the amount collected shall be paid "for the expenses of assessing and collecting" that portion of the tax which is not retained by the city or town where the banks are located. The amount of \$6,410.16 can be added to the revenue of the city from this source, as only slight changes are found necessary in the adjustment of the bank taxes with the state authorities. The amount of the bank tax, \$615,622.98, credited to all other cities or towns, has been amended, and appears under "Abatements."

SPECIAL ASSESSMENTS.

Street and Sewer Assessments.

Under the operation of the existing laws the following amounts were certified to the assessors by the City Collector as remaining unpaid one year after the date of assessment:

Assessments under chapter 521, Acts 1902, for "Laying Out and Construction of Highways and Sewerage Works Act," for street construction, which were divided into ten equal parts, with interest at 4 per cent, said interest being figured thirty days from date of assessment	\$31,167 93
Assessments under chapter 450, Acts 1899, for "Laying Out and Construction of Highways and Sewerage Works Act," for sewers, which were divided into ten parts, each part being 9 per cent of total, with interest at 5 per cent, said interest being figured thirty days from date of assessment	54,632 83
Total	<u>\$85,800 76</u>

The several assessments were duly apportioned and bills issued for a sum equal to the required per cent and interest of each assessment, as a tax on the estates which were liable.

Sewer Assessments, as Apportioned, 1911.

Apportionment Number.	Year of Certification of Assessment by Collector.	Per cent and Amount of Apportionment.		Rate and Amount of Interest.		Total Amount.	Acts under which Assessments were Levied
10	1902	9	\$5,128 87	5	\$2,847 27	\$7,976 14	Chapter 323, Acts of 1891.
9	1903	9	2,599 14	5	1,443 91	4,043 05	Chapter 323, Acts of 1891.
8	1904	9	3,245 00	5	1,803 30	5,048 30	Chapter 323, Acts of 1891.
7	1905	9	4,801 98	5	2,667 97	7,469 95	Chapter 323, Acts of 1891.
6	1906	9	3,326 54	5	1,848 13	5,174 67	Chapter 323, Acts of 1891.
5	1907	9	2,807 27	5	1,559 63	4,366 90	Chapter 323, Acts of 1891.
4	1908	9	2,113 18	5	1,173 90	3,287 08	Chapter 323, Acts of 1891.
3	1909	9	5,154 20	5	2,862 96	8,017 16	Chapter 323, Acts of 1891.
2	1910	9	2,363 11	5	1,312 97	3,676 08	Chapter 323, Acts of 1891.
1	1911	9	4,896 48	5	4,896 31	9,792 79	Chapter 323, Acts of 1891.
Totals....	.....	...	\$36,435 77	...	\$22,416 35	\$58,852 12	

Street Construction Assessments, as Apportioned, 1911.

Apportionment Number.	Year of Certification of Assessment by Collector.	Per cent and Amount of Apportionment.		Rate and Amount of Interest.		Total Amount.	Acts under which Assessments were Levied.
10	1902	9	\$907 35	5	\$504 07	\$1,411 42	Chapter 323, Acts of 1891.
9	1903	9	1,050 18	5	583 49	1,633 67	Chapter 323, Acts of 1891.
8	1904	9	21,291 72	5	11,832 24	33,123 96	Chapter 323, Acts of 1891.
7	1905	9	777 65	5	431 96	1,209 61	Chapter 323, Acts of 1891.
6	1906	9	3,512 13	5	1,951 76	5,463 89	Chapter 323, Acts of 1891.
6	1906	10	1,799 58	4	359 76	2,159 34	Chapter 323, Acts of 1891.
5	1907	9	1,315 12	5	730 62	2,045 74	Chapter 521, Acts of 1902.
5	1907	10	1,018 99	4	244 52	1,263 51	Chapter 323, Acts of 1891.
4	1908	10	21,767 44	4	6,125 83	27,893 27	Chapter 521, Acts of 1902.
3	1909	10	7,348 19	4	2,351 38	9,699 57	Chapter 521, Acts of 1902.
2	1910	10	1,814 12	4	653 27	2,467 39	Chapter 521, Acts of 1902.
1	1911	10	3,117 04	4	1,584 14	4,701 18	Chapter 521, Acts of 1902.
Totals...	.....	...	\$65,719 51	...	\$27,353 04	\$93,072 55	

GYPSY MOTHS.

Under the provisions of chapter 381, Acts of 1905, amended by chapter 268, Acts of 1906, and chapter 521, Acts of 1907, the Board of Assessors was notified by the Superintendent of Public Grounds of the amount of assessments due for the suppression of gypsy and brown-tail moths.

The Board of Assessors duly assessed the sum of \$9,745.94 regular warrant, \$180.83 December warrant, making a total of \$9,926.77.

STREET RAILWAY ASSESSMENTS.

Under chapter 490, section 47, Part III., Acts of 1909, there is paid to the City of Boston by

Bay State Railway Company	\$734 68
Bay State Railway Company, successors to and continuing the corporate existence of the Old Colony Street Railway	196 54
Union Freight Railway Company	3,096 16
Total	<u>\$4,027 38</u>

The Boston Elevated Railway, and all railways now owned or operated by it, are, for twenty-five years from

June 10, 1897, exempt from the action of this statute, but said railways pay, under chapter 500 of the Acts of 1897, a very similar tax to the Commonwealth, which tax is distributed by the Treasurer of the Commonwealth among the cities and towns in which said railroads operate. Boston's proportion of this tax is \$81,059.11.

There was also credited to the City of Boston by the Treasurer of the Commonwealth the sum of \$460,844.20, being the city's share of franchise tax on street railways under chapter 14 of the Revised Laws.

RECEIPTS AND EXPENDITURES.

The appropriation and transfer	\$177,639 67
The expenditures for the financial year for salaries, compensation of assistant assessors, clerk hire, books, stationery, and incidentals are as follows:	
Principal assessors	\$28,700 00
First assistant assessors	45,975 00
Second assistant assessors	9,200 00
Clerks (office and street)	86,027 05
Printing, stationery, books, maps, directories, stamps, telephones, etc.	7,737 62
	<u>\$177,639 67</u>

Respectfully submitted,

JOHN J. MURPHY, *Chairman*,
 CHARLES E. FOLSOM, *Secretary*,
 EDWARD B. DAILY,
 FREDERICK H. TEMPLE,
 FRED E. BOLTON,
 EDWARD G. RICHARDSON,
 PHILIP O'BRIEN,

Assessors of the City of Boston.

APPENDIX.

ASSESSMENT DISTRICTS FOR THE ASSESSMENT OF
APRIL 1, 1911.

District 1.— That part of Ward 1 lying northerly, easterly and northwesterly of a line beginning at the boundary line between Wards 1 and 2 at the intersection of Harbor Commissioners' line; thence by said ward boundary line to the center line of Border street; thence by the center line of Border street to center line of Central square; thence by center line of Central square to the center line of Bennington street; thence by center line of Bennington street to center line of Chelsea street; thence by center line of said Chelsea street to the boundary line between Boston and Chelsea.

District 2.— That part of Ward 1 lying easterly, southeasterly, northerly and northeasterly of a line beginning at the intersection of Marion and Bennington streets; thence by center line of said Bennington street to the center line of Chelsea street; thence by center line of said Chelsea street to the boundary line between Boston and Chelsea.

District 3.— The whole of Ward 2.

District 4.— The whole of Ward 3.

District 5.— The whole of Ward 4.

District 6.— The whole of Ward 5.

District 7.— That part of Ward 6 lying northerly of a line beginning at the junction of Traverse and Beverly streets; thence by the center lines of Beverly, Cooper, Salem, Parmenter, Hanover and Richmond streets, Atlantic and Eastern avenues to the Harbor Commissioners' line.

District 8.— That part of Ward 6 lying southerly and easterly of a line beginning at the junction of School and Washington streets; thence through the center lines of Washington, Hanover and Richmond streets, Atlantic and Eastern avenues to the Harbor Commissioners' line.

District 9.— That part of Ward 6 lying southerly and westerly of a line beginning at the junction of Traverse and

Beverly streets; thence by the center lines of Beverly, Cooper, Salem, Parmenter, Hanover and Washington streets to the boundary line of Ward 7.

District 10.— That part of Ward 7 lying northerly and easterly of a line beginning at Broadway Bridge; thence by the center lines of Broadway extension, Albany, Kneeland, Atlantic avenue, Beach, Kingston, Summer and Otis streets, Winthrop square and Devonshire street to the boundary line of Ward 6.

District 11.— That part of Ward 7 lying northerly and westerly of a line beginning at the junction of Pleasant and Eliot streets; thence by the center lines of Eliot, Kneeland, Harrison avenue, Beach, Kingston and Otis streets, Winthrop square and Devonshire street to the boundary line of Ward 6.

District 12.— That part of Ward 7 lying southerly of a line beginning at the junction of Pleasant street and Eliot street; thence by the center lines of Eliot, Kneeland, Harrison avenue, Beach, Atlantic avenue and Kneeland streets to Albany street; thence by the center line of Albany street to the boundary line of Ward 9.

District 13.— That part of Ward 8 lying northerly and easterly of a line beginning at Craigie's Bridge; thence by the center lines of Leverett, Green, Chambers and Cambridge streets to the boundary line of Ward 6.

District 14.— That part of Ward 8 lying southerly and westerly of a line beginning at Craigie's Bridge; thence by the center lines of Leverett, Green, Chambers and Cambridge streets to the boundary line of Ward 6.

District 15.— That part of Ward 9 lying northeasterly of a line beginning at the intersection of Tremont and Dwight streets; thence by the center lines of Dwight, Groton, Washington, Dover, Fay, Harrison avenue, Bristol and Albany streets to the boundary line of Ward 12.

District 16.— That part of Ward 9 lying southwesterly of a line beginning at the intersection of Tremont and Dwight streets; thence by the center lines of Dwight, Groton, Washington, Dover, Fay, Harrison avenue, Bristol and Albany streets to the boundary line of Ward 12.

District 17.— That part of Ward 10 lying southerly and easterly of the center line of location of the Providence Division of the New York, New Haven & Hartford Railroad and the location extended to Stanhope street; thence by the center line of Stanhope street and the center line of Berkeley street to the boundary line of Ward 11.

District 18.— That part of Ward 10 lying northerly and westerly of the center line of location of the Providence Division of the New York, New Haven & Hartford Railroad and the location extended to Stanhope street; thence by the center line of Stanhope street and the center line of Berkeley street to the boundary line of Ward 11.

District 19.— That part of Ward 11 lying easterly of a line beginning at the Charles river; thence by the center line of Clarendon street to the boundary line of Ward 10.

District 20.— That part of Ward 11 lying westerly of a line beginning at the Charles river; thence by the center line of Clarendon street to the boundary line of Ward 10.

District 21.— The whole of Ward 12.

District 22.— That part of Ward 13 lying southerly and westerly of a line beginning at the intersection of Fort Point channel and Dorchester avenue; thence by the center lines of Dorchester avenue, West First, C, West Seventh and D streets to the boundary line of Ward 15.

District 23.— That part of Ward 13 lying northerly and easterly of a line beginning at the intersection of Fort Point channel and Dorchester avenue; thence by the center lines of Dorchester avenue, West First, C, West Seventh and D streets to the boundary line of Ward 15.

District 24.— The whole of Ward 14.

District 25.— The whole of Ward 15.

District 26.— That part of Ward 16 lying northerly and easterly of the center lines of Norfolk avenue and Cottage street.

District 27.— That part of Ward 16 lying southerly and westerly of the center lines of Norfolk avenue and Cottage street.

District 28.— The whole of Ward 17.

District 29.— The whole of Ward 18.

District 30.— That part of Ward 19 lying northerly and westerly of a line beginning at the boundary line between Boston and Brookline; thence by the center lines of Huntington avenue, Tremont street and the center line of the location of the Providence Division of the New York, New Haven & Hartford Railroad to Prentiss street.

District 31.—That part of Ward 19 lying southerly and easterly of a line beginning at the boundary line between Boston and Brookline; thence by the center lines of Huntington avenue and Tremont street and the center line of the location of the Providence Division of the New York, New Haven & Hartford Railroad to Prentiss street.

District 32.—That part of Ward 20 lying northerly and northeasterly of a line beginning at the boundary line of Ward 16 at its junction of the Midland Division of the New York, New Haven & Hartford Railroad and Quincy street; thence by the center line of said Quincy street to Eaton square; thence to Adams street and by the center line of Adams street to Dorchester avenue at the boundary line of Ward 24.

District 33.—That part of Ward 20 lying within the following described lines: Beginning at the boundary line of Ward 16 at the junction of Quincy street and the Midland Division of the New York, New Haven & Hartford Railroad; thence by the center line of said railroad and the center lines of Washington and Centre streets, Centre avenue and Dorchester avenue and Adams street to Eaton square; thence to Quincy street and by the center line of said Quincy street to the point of beginning.

District 34.—That part of Ward 20 lying westerly and southerly of the line beginning at the boundary line of Ward 16 at the junction of Quincy street and the Midland Division of the New York, New Haven & Hartford Railroad; thence by the center line of said railroad to Washington street; thence by the center line of Washington street to the boundary line of Ward 24.

District 35.—That part of Ward 21 lying northerly of a line beginning at the junction of Washington and Valentine streets; thence by the center lines of Washington and Dale streets, Walnut and Humboldt avenues, Munroe, Warren and Savin streets to the boundary line of Ward 16.

District 36.—That part of Ward 21 lying southerly of a line beginning at the junction of Washington and Valentine streets; thence through Washington and Dale streets, Walnut and Humboldt avenues, Munroe, Warren and Savin streets to the boundary line of Ward 16.

District 37.—That part of Ward 22 lying northerly and easterly of a line beginning at the junction of Day street and Grotto Glen; thence by the center lines of Day and Centre streets and the center line of location of the Providence Division of the New York, New Haven & Hartford Railroad to Green street, the boundary line of Ward 23.

District 38.—That part of Ward 22 lying southerly and westerly of a line beginning at the junction of Day street and Grotto Glen; thence by the center lines of Day and Centre streets and the center line of location of the Providence Division of the New York, New Haven & Hartford Railroad to Green street, the boundary line of Ward 23.

District 39.—That part of Ward 23 lying northerly and easterly of a line beginning at the boundary line between Boston and Newton; thence by the center lines of Baker, Gardner and Spring streets, the center line of location of the West Roxbury Branch, Providence Division of the New York, New Haven & Hartford Railroad, and the center line of location of the Providence Division of the New York, New Haven & Hartford Railroad to Green street.

District 40.—That part of Ward 23 lying southerly and easterly of a line beginning at the boundary line between Boston and Hyde Park; thence by the center lines of Metropolitan avenue, Kittredge and Norfolk streets and Dudley avenue, and the center line of location of the West Roxbury Branch, Providence Division of the New York, New Haven & Hartford Railroad, and the center line of location of the Providence Division of the New York, New Haven & Hartford Railroad to Green street.

District 41.—That part of Ward 23 lying southerly and westerly of a line beginning at the boundary line between Newton and Boston; thence by the center lines of Baker, Gardner and Spring streets, the center line of location of the West Roxbury Branch, Providence Division of the New York, New Haven & Hartford Railroad, the center lines of Dudley avenue, Norfolk and Kittredge streets and Metropolitan avenue to the boundary line of Hyde Park.

District 42.—That part of Ward 24 lying northerly and easterly of a line beginning at the junction of Dorchester avenue and Greenwich street; thence by the center lines of Dorchester avenue, Ashmont, Carruth, New Minot, Adams and Granite streets to the ward line in Neponset river, the boundary line of Milton.

District 43.—That part of Ward 24 lying within the following described lines: Beginning at the boundary line between Boston and Milton; thence by the center lines of Washington, Morton, Corbet, Norfolk and Centre streets, Centre and Dorchester avenues, Ashmont, Carruth, New Minot, Adams and Granite streets to the boundary line between Boston and Milton.

District 44.—That part of Ward 24 lying southerly and westerly of a line beginning at the junction of Talbot avenue and Norfolk street; thence by the center lines of Norfolk, Corbet, Morton and Washington streets to the boundary line between Boston and Milton.

District 45.—That part of Ward 25 lying northerly and easterly of a line beginning at the boundary line between Boston and Watertown; thence by the center lines of North Beacon, Parsons, Washington and Cambridge streets to Charles river, the boundary line between Boston and Cambridge.

District 46.—That part of Ward 25 lying southerly and westerly of a line beginning at the boundary line between Cambridge and Boston; thence by the center lines of Cambridge, Washington, Parsons and North Beacon streets to Charles river, the boundary line between Boston and Watertown.

First and Second Assistant Assessors for the Year 1911. First Assistant Assessors Appointed for a Term of Three Years, from April 1, 1911. Second Assistant Assessors Appointed for One Year, from April 1, 1911.

District.	Ward.	Part.	First Assistant Assessors.	Second Assistant Assessors.
1	1	1	Joseph H. King.	Loyal L. Jenkins.
2	1	2	Thomas O. McEnaney.	George E. Leet.
3	2	....	Edward L. Hopkins.	Thomas Boyd.
4	3	....	William H. Oakes.	Edward F. White.
5	4	....	Charles A. Tilden.	Lucian J. Priest.
6	5	....	Warren B. Hadley.	James J. Crowley.
7	6	1	Harry C. Byrne.	Saverio R. Romano.
8	6	2	Edwin R. Spinney.	John A. Badaracco.
9	6	3	Matthew Binney, Jr.	James McNulty.
10	7	1	James Buckner.	Christopher J. McCaffrey.
11	7	2	Alexander P. Brown.	William J. Keenan.
12	7	3	Henry J. Ireland.	William H. Coblentz.
13	8	1	Thomas H. Bond.	Jacob Rosenberg.
14	8	2	William H. Cuddy.	Simon Goldberg.
15	9	1	A. S. Parker Weeks.	Charles S. Stone.
16	9	2	Charles J. Dowd.	George F. Talham.
17	10	1	Joseph D. Dillworth.	William A. Brade.
18	10	2	James H. Phelan.	Edward Leinmann.
19	11	1	James I. Moore.	Frederick S. Smith.
20	11	2	William H. Allen.	Jerome J. Crowley.
21	12	....	Timothy W. Murphy.	A. Alford Wilton.
22	13	1	John H. Giblin.	Charles H. Turner.
23	13	2	Arthur W. Smith.	Joseph F. Ripp.
24	14	....	John C. Cook.	Michael F. Condon.
25	15	....	John Marno.	Cornelius N. Liston.
26	16	1	Ward A. Marsh.	John S. McDonough.
27	16	2	Frederick L. McGowan.	Jacob Cohen.
28	17	....	William A. Creney.	James H. Mugridge.
29	18	....	Jeremiah J. Good.	John S. Gilman.
30	19	1	James P. Fox.	John F. Kinney.
31	19	2	Charles H. Warren.	Joseph Esselen.
32	20	1	A. Glendon Dyar.	John J. Driscoll.
33	20	2	Daniel A. Downey.	George O. Wood.
34	20	3	Fred W. Burleigh.	William A. Donovan.
35	21	1	Augustus D. McLennan.	Louis Burkhardt.
36	21	2	G. Fred Pierce.	Frank J. Riley.
37	22	1	John E. Heslan.	Walter E. Merriam.
38	22	2	Frank S. Pratt.	William F. Prindeville.
39	23	1	Warren F. Freeman.	James F. Dowling.
40	23	2	Frederick F. O'Doherty.	George Uriot.
41	23	3	Michael F. Dolan.	Clinton P. Duryea.
42	24	1	David W. Creed.	William E. Harvey.
43	24	2	Timothy J. Murphy.	Albert W. Huebener.
44	24	3	William N. Goodwin.	Michael J. Murray.
45	25	1	Michael J. Toumey.	Patrick F. Carley.
46	25	2	George W. Warren.	Hammond B. Hazlewood.

Assessed Polls by Precincts, 1911.

WARDS.	PRECINCTS.																Totals.	WARDS.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
1.....	613	625	879	877	962	1,145	1,174	1,264	850								8,389	1
2.....	884	642	786	778	638	666	1,396	993									6,783	2
3.....	630	667	671	759	795	564											4,086	3
4.....	611	686	824	643	626	699											4,089	4
5.....	750	774	651	419	731	693											4,018	5
6.....	1,248	1,596	1,447	1,413	1,687	728	1,446	1,048									10,613	6
7.....	378	953	1,308	1,120	965	799											5,523	7
8.....	1,288	2,025	1,447	1,353	1,512	1,843	663										9,468	8
9.....	1,692	1,418	1,350	1,174	1,291	1,091	1,299	1,489	1,294								8,679	9
10.....	713	672	1,036	803	692	1,048	474	489	1,097								8,787	10
11.....	1,468	1,046	832	1,442	1,171	1,340	977										6,534	11
12.....	909	771	859	809	905	752	842	770									8,276	12
13.....	565	779	556	708	936	726	818	983									6,617	13
14.....	565	838	777	610	693	700	998	727									6,481	14
15.....	623	1,065	1,379	1,128	1,048	842	1,318										5,908	15
16.....	763	1,065	1,379	1,128	1,048	842	1,318	727									7,403	16
17.....	951	1,028	1,019	1,335	952	1,245	799	1,194	749								6,912	17
18.....	1,207	1,098	905	891	736	881	905	1,045	1,020								6,530	18
19.....	1,020	1,043	1,139	927	1,188	1,014	1,042	1,030	1,043	1,057	1,083	983	992	884	1,293	1,141	16,888	19
20.....	855	714	749	749	855	686	830	753	671	679	810	511					8,862	20
21.....	1,242	1,206	793	1,302	1,181	845	831	1,066									8,466	21
22.....	559	1,019	779	1,296	2,229	1,838	179	424	490								8,813	22
23.....	802	827	897	773	809	653	815	1,348	1,248	1,021	830	1,033					11,036	23
24.....	1,255	992	1,075	1,040	1,035	1,525	962										7,884	24
25.....																		25
Totals...	22,989	23,753	23,669	23,957	24,688	23,298	17,768	14,632	8,462	2,757	2,723	2,527	992	884	1,293	1,141	195,533	Totals.

TABLE A.

WARDS.	Residents on Property. Individuals.	Non- residents on Property. Individuals.	Resident Firms, Trustees, all others on Property.	Nonresident Firms, Trustees, all others on Property.	Total Number Persons Assessed on Property.
1.....	2,219	258	522	29	3,028
2.....	1,248	64	527	15	1,854
3.....	643	83	243	18	987
4.....	705	225	210	75	1,215
5.....	539	118	266	41	964
6.....	1,271	87	2,637	200	4,195
7.....	443	650	2,592	84	3,769
8.....	1,015	71	401	17	1,504
9.....	935	95	379	18	1,427
10.....	1,230	260	460	55	2,005
11.....	4,562	674	587	288	6,111
12.....	1,056	232	288	59	1,635
13.....	674	63	287	17	1,041
14.....	1,183	64	450	9	1,706
15.....	1,171	81	348	21	1,621
16.....	1,765	83	433	5	2,286
17.....	1,023	149	405	21	1,598
18.....	862	101	253	9	1,225
19.....	1,384	130	449	15	1,978
20.....	5,844	186	1,052	24	7,106
21.....	1,952	259	496	48	2,755
22.....	2,060	134	562	9	2,765
23.....	4,008	641	914	93	5,656
24.....	4,109	349	833	57	5,348
25.....	2,560	248	612	41	3,461
Totals.....	44,461	5,305	16,206	1,268	67,240

TABLE AA.

WARDS.	Number of Items, Real Estate.	Number of Items, Vacant Land.	Number of Items, Personal Estate.	Total Items.
1.....	5,077	1,786	384	5,461
2.....	2,485	148	311	2,796
3.....	1,502	30	168	1,670
4.....	1,914	102	219	2,133
5.....	1,233	46	280	1,513
6.....	2,667	22	2,646	5,313
7.....	2,636	25	3,129	5,765
8.....	1,843	30	724	2,567
9.....	2,133	57	554	2,687
10.....	2,630	258	960	3,590
11.....	4,183	779	3,447	7,630
12.....	2,335	28	433	2,768
13.....	2,386	180	309	2,695
14.....	2,711	186	269	2,980
15.....	2,642	226	276	2,918
16.....	3,237	660	520	3,757
17.....	2,790	286	319	3,109
18.....	2,261	157	203	2,464
19.....	3,295	930	352	3,647
20.....	8,633	1,662	1,961	10,594
21.....	3,844	370	1,203	5,047
22.....	3,764	685	802	4,566
23.....	12,787	7,892	1,037	13,824
24.....	10,821	5,704	977	11,798
25.....	5,987	2,778	978	6,965
Totals.....	95,796	25,027	22,461	118,257

Amount and Percentage Gain or Loss, Real Estate,

YEAR.	VALUATION AND RATE.				REAL ESTATE.			
	Real Estate.	Personal Estate.	Total Valuation.	Rate Tax per 1,000.	Increase.	Per cent Increase.	Decrease.	Per cent Decrease.
1891 . . .	\$650,238,375	\$204,831,040	\$855,069,415	\$12 60	\$30,248,100	4.87	.....	....
1892 . . .	680,279,875	213,695,829	893,975,704	12 90	30,041,500	4.62	.....	....
1893 . . .	707,762,275	216,331,476	924,093,751	12 80	27,482,400	4.03	.....	....
1894 . . .	723,743,850	204,365,192	928,109,042	12 80	15,981,575	2.25	.....	....
1895 . . .	744,751,050	206,616,878	951,367,928	12 80	21,007,200	2.90	.....	....
1896 . . .	770,261,700	211,008,214	981,269,914	12 90	25,510,650	3.42	.....	....
1897 . . .	803,860,550	208,721,659	1,012,582,209	13 00	33,598,850	4.36	.....	....
1898 . . .	830,233,900	205,865,518	1,036,099,418	13 60	26,373,350	3.28	.....	....
1899 . . .	866,809,700	222,926,552	1,089,736,252	13 10	36,575,800	4.40	.....	....
1900 . . .	902,490,700	226,685,132	1,129,175,832	14 70	35,681,000	4.11	.....	....
1901 . . .	925,037,500	227,468,334	1,152,505,834	14 90	22,546,800	2.49	.....	....
1902 . . .	957,496,900	233,777,716	1,191,274,616	14 80	32,459,400	3.50	.....	....
1903 . . .	985,560,300	234,897,023	1,220,457,323	14 80	28,063,400	2.93	.....	....
1904 . . .	1,006,122,900	230,830,662	1,236,953,562	15 20	20,562,600	2.08	.....	....
1905 . . .	1,021,431,200	238,314,482	1,259,745,682	16 00	15,308,300	1.52	.....	....
1906 . . .	1,044,892,700	244,813,187	1,289,705,887	15 90	23,461,500	2.29	.....	....
1907 . . .	1,070,864,700	242,606,856	1,313,471,556	15 90	25,972,000	2.48	.....	....
1908 . . .	1,082,405,300	245,257,037	1,327,662,337	16 50	11,540,600	1.07	.....	....
1909 . . .	1,092,602,000	255,346,227	1,347,948,227	16 50	10,196,700	.94	.....	....
1910 . . .	1,118,989,100	274,771,323	1,393,760,423	16 40	26,387,100	2.41	.....	....
1911 . . .	1,146,663,400	281,686,113	1,428,349,513	16 40	27,674,300	2.47	.....	....

Personal Estate and Total, by Years, 1891-1911.

PERSONAL ESTATE.				TOTAL.				
Increase.	Per cent Increase.	Decrease.	Per cent Decrease.	Increase.	Per cent Increase.	Decrease.	Per cent Decrease.	YEAR.
\$2,779,515	1.37	.....	.....	\$33,027,615	4.01	.....	.....	1891
8,864,789	4.32	.....	.....	38,906,289	4.55	.....	.....	1892
2,635,645	1.23	.....	.....	30,118,047	3.36	.....	.....	1893
.....	.....	\$11,966,284	5.53	4,015,291	.43	.....	.....	1894
2,251,686	1.10	.....	.....	23,258,886	2.50	.....	.....	1895
4,391,336	2.21	.....	.....	29,901,986	3.14	.....	.....	1896
.....	.....	2,286,555	1.08	31,312,295	3.19	.....	.....	1897
.....	.....	2,856,141	1.36	23,517,209	2.32	.....	.....	1898
17,061,034	8.28	.....	.....	53,636,834	5.17	.....	.....	1899
3,758,580	1.68	.....	.....	39,439,580	3.61	.....	.....	1900
783,202	.34	.....	.....	23,330,002	2.06	.....	.....	1901
6,309,382	2.77	.....	.....	38,768,782	3.36	.....	.....	1902
1,119,307	.47	.....	.....	29,182,707	2.44	.....	.....	1903
.....	.....	4,066,361	1.73	16,496,239	1.35	.....	.....	1904
7,483,820	3.19	.....	.....	22,792,120	1.84	.....	.....	1905
6,498,705	2.72	.....	.....	29,960,205	2.37	.....	.....	1906
.....	.....	2,206,331	.90	23,765,669	1.84	.....	.....	1907
2,650,181	1.09	.....	.....	14,190,781	1.08	.....	.....	1908
10,089,190	4.11	.....	.....	20,285,890	1.52	.....	.....	1909
19,425,096	7.60	.....	.....	45,812,196	3.39	.....	.....	1910
6,914,790	2.52	.....	.....	34,589,090	2.48	.....	.....	1911

TABLE C.

WARDS.	Total Bills.	Property Bills.	Total Polls.	Single Poll Bills.	Poll Tax Payers Owning Property.
1.....	10,657	3,284	8,389	7,373	1,016
2.....	8,332	1,981	6,783	6,351	432
3.....	5,030	1,204	4,086	3,826	260
4.....	5,301	1,446	4,089	3,855	234
5.....	4,834	1,056	4,018	3,778	240
6.....	14,166	3,893	10,613	10,273	340
7.....	9,788	4,449	5,523	5,339	184
8.....	10,887	1,767	9,468	9,120	348
9.....	10,251	1,983	8,679	8,268	411
10.....	10,607	2,503	8,787	8,104	683
11.....	10,470	5,779	6,534	4,691	1,843
12.....	10,000	2,133	8,276	7,867	409
13.....	8,281	1,846	6,617	6,435	182
14.....	8,061	2,106	6,481	5,955	526
15.....	7,514	2,130	5,908	5,384	524
16.....	9,224	2,680	7,403	6,544	859
17.....	8,556	2,081	6,912	6,475	437
18.....	7,848	1,667	6,530	6,181	349
19.....	10,315	2,456	8,468	7,859	609
20.....	21,852	7,646	16,888	14,206	2,682
21.....	11,364	3,843	8,862	7,521	1,341
22.....	10,543	3,196	8,466	7,347	1,119
23.....	13,891	7,159	8,813	6,732	2,081
24.....	16,006	6,556	11,056	9,450	1,606
25.....	10,428	3,704	7,884	6,724	1,160
Totals.....	254,206	78,548	195,533	175,658	19,875

TABLE D.

Valuation of Real Estate and Machinery Assessed to Massachusetts Corporations, 1882 to 1911, Inclusive.

	Real Estate.	Machinery.	Total.
In 1882, 175 corporations were assessed as follows,	\$45,754,600	\$3,275,300	\$49,029,900
1883, 198 " " "	46,727,300	4,421,100	51,148,400
1884, 215 " " "	47,866,200	4,795,900	52,662,100
1885, 228 " " "	48,556,800	5,249,000	53,805,800
1886, 226 " " "	50,003,400	5,505,300	55,508,700
1887, 225 " " "	52,633,600	5,254,000	57,887,600
1888, 228 " " "	53,358,300	5,941,900	59,300,200
1889, 225 " " "	59,538,900	5,860,100	65,399,000
1890, 235 " " "	64,358,300	6,128,200	70,486,500
1891, 235 " " "	69,634,000	5,864,800	75,498,800
1892, 236 " " "	71,906,800	6,421,100	78,327,900
1893, 251 " " "	74,882,200	7,259,100	82,141,300
1894, 269 " " "	80,571,000	8,101,500	88,672,500
1895, 279 " " "	82,453,650	9,017,000	91,470,650
1896, 287 " " "	83,740,200	11,514,200	95,254,400
1897, 279 " " "	85,338,350	12,344,600	97,682,950
1898, 298 " " "	98,996,500	12,489,000	111,485,500
1899, 310 " " "	110,661,487	13,089,300	123,750,787
1900, 325 " " "	115,615,125	16,768,600	132,383,725
1901, 345 " " "	120,739,125	17,440,300	138,179,425
1902, 343 " " "	128,515,575	19,674,700	148,190,275
1903, 347 " " "	135,989,441	20,725,100	156,714,541
1904, 385 " " "	141,342,771	21,540,500	162,883,271
1905, 447 " " "	144,462,210	24,202,200	168,664,410
1906, 511 " " "	150,675,687	25,322,300	175,997,987
1907, 585 " " "	158,755,787	26,623,900	185,379,687
1908, 629 " " "	162,213,900	28,407,100	190,621,000
1909, 710 " " "	165,790,100	29,433,400	195,223,500
1910, 718 " " "	165,359,450	31,029,400	196,388,850
1911, 824 " " "	180,110,387	32,770,900	212,881,287

TABLE E.

Statement Showing the Assessors' Valuation of the Real and Personal Property in the City of Boston, for Thirty-eight Years, 1873 to 1911, Inclusive. Also the Amount and Rate per cent of Increase and Decrease in each Period of Ten Years.

YEARS.	Valuation First Term.	Valuation Second Term.	Amount of Increase in the Ten Years.	Amount of Decrease in the Ten Years.	Rate per cent Increase or Decrease in Ten Years.
1873 and 1883.....	\$693,831,400	\$682,432,671	.....	\$11,398,729	1.64
1874 and 1884.....	798,755,050	682,656,657	.....	116,098,393	14.53
1875 and 1885.....	793,961,895	685,579,072	.....	108,382,823	13.62
1876 and 1886.....	748,996,210	710,621,360	.....	38,374,850	5.12
1877 and 1887.....	686,840,586	747,642,517	\$60,801,931	.....	8.85
1878 and 1888.....	630,446,866	764,452,548	134,005,682	.....	21.25
1879 and 1889.....	613,322,691	795,433,744	182,111,053	.....	29.69
1880 and 1890.....	639,462,495	822,041,800	182,579,305	.....	28.55
1881 and 1891.....	665,554,597	855,069,415	189,514,818	.....	28.47
1882 and 1892.....	672,497,962	893,975,704	221,477,742	.....	32.93
1883 and 1893.....	682,432,671	924,093,751	241,661,080	.....	35.41
1884 and 1894.....	682,656,657	928,109,042	245,452,447	.....	35.95
1885 and 1895.....	685,579,072	951,367,928	265,788,856	.....	38.76
1886 and 1896.....	710,621,335	981,269,914	270,648,579	.....	38.08
1887 and 1897.....	747,642,517	1,012,582,209	264,939,692	.....	35.44
1888 and 1898.....	764,452,548	1,036,099,418	271,646,870	.....	35.53
1889 and 1899.....	795,433,744	1,089,736,252	294,302,508	.....	37.00
1890 and 1900.....	822,041,800	1,129,175,832	307,134,032	.....	37.36
1891 and 1901.....	855,069,415	1,152,505,834	297,436,419	.....	34.78
1892 and 1902.....	893,975,704	1,191,274,616	297,298,912	.....	33.25
1893 and 1903.....	924,093,751	1,220,457,323	296,363,572	.....	32.07
1894 and 1904.....	928,109,042	1,236,953,562	308,844,520	.....	33.27
1895 and 1905.....	951,367,928	1,259,745,681	308,377,753	.....	32.41
1896 and 1906.....	981,269,914	1,289,705,887	308,435,973	.....	31.43
1897 and 1907.....	1,012,582,209	1,313,471,556	300,889,347	.....	29.71
1898 and 1908.....	1,036,099,418	1,327,662,337	291,562,919	.....	28.14
1899 and 1909.....	1,089,736,252	1,347,948,227	258,211,975	.....	23.69
1900 and 1910.....	1,129,175,832	1,393,760,423	264,584,591	.....	23.43
1901 and 1911.....	1,152,505,834	1,428,349,513	275,843,679	.....	23.93

TABLE F.

Amount and Rate of Taxation for Twenty-two Years.

The several amounts are those of the warrants of state, county and city authorities to the assessors. For detail, see pages 1, 2 and 3.

The warrant to the collector determines the rate of taxation, for amount of which see pages 1, 2 and 3.

YEAR.	State Tax.	County Tax.	City Tax.	Total Tax.	Rate per \$1,000.			Total.
					State.	County.	City.	
1889.....	\$759,518 00	\$738,191 00	\$8,578,960 00	\$10,076,669 00	\$0 83	\$0 80	\$11 27	\$12 90
1890.....	673,824 00	799,294 00	9,220,280 00	10,693,398 00	0 69	0 85	11 76	13 30
1891.....	581,571 00	614,549 00	9,549,491 00	10,745,611 00	0 53	0 57	11 50	12 60
1892.....	680,744 00	804,294 00	9,881,451 00	11,366,489 00	0 63	0 77	11 50	12 90
1893.....	964,336 00	808,377 00	9,900,660 00	11,673,373 00	0 92	0 75	11 13	12 80
1894.....	811,337 00	867,396 00	10,034,358 00	11,713,091 00	0 75	0 81	11 24	12 80
1895.....	652,490 00	924,725 00	10,489,653 00	12,066,868 00	0 55	0 85	11 40	12 80
1896.....	702,379 00	942,879 00	10,837,292 00	12,482,550 00	0 58	0 84	11 48	12 90
1897.....	870,442 00	1,135,836 00	10,975,360 00	12,981,638 00	0 73	1 00	11 27	13 00
1898.....	703,168 00	1,221,567 00	12,032,223 00	13,956,958 00	0 54	1 06	12 00	13 60
1899.....	738,309 00	1,173,149 00	12,224,993 00	14,136,451 00	0 55	0 95	11 60	13 10
1900.....	831,740 00	1,189,144 00	14,137,026 00	16,157,910 00	0 61	0 95	13 14	14 70
1901.....	972,376 63	1,204,093 00	14,992,820 95	17,169,290 58	0 70	0 90	13 30	14 90
1902.....	1,399,771 18	1,200,000 00	14,779,373 44	17,379,144 62	1 07	0 89	12 84	14 80
1903.....	1,608,669 53	1,187,468 00	15,108,643 75	17,904,781 28	1 21	0 86	12 73	14 80
1904.....	1,712,769 18	1,271,141 00	15,668,062 99	18,651,973 17	1 27	0 90	13 03	15 20
1905.....	2,471,239 89	1,314,530 00	16,196,334 80	19,982,104 69	1 87	0 93	13 20	16 00
1906.....	2,415,172 90	1,317,705 00	16,514,749 66	20,247,627 56	1 79	0 91	13 20	15 90
1907.....	2,489,714 69	1,339,114 00	16,989,184 33	20,818,013 02	1 80	0 90	13 20	15 90
1908.....	3,053,069 36	1,411,313 00	17,282,688 86	21,747,071 22	2 22	0 94	13 34	16 50
1909.....	3,178,251 53	1,455,319 06	17,460,930 41	22,094,501 00	2 40	1 10	13 00	16 50
1910.....	3,244,506 44	1,499,049 24	17,814,084 74	22,557,640 42	2 40	1 10	12 90	16 40
1911.....	2,941,977 08	1,590,994 72	18,551,889 55	23,084,861 35	2 13	1 15	13 12	16 40

The amount of the state tax for the year 1889, and of those following, includes the special assessments for armories, metropolitan sewers, abolition of grade crossings and metropolitan parks.

Table of Abatements Real and Personal Estate, 1893 to 1911, Inclusive.

	Total Abatements Real and Personal Estate.	Rate.	Valuation Abatements Real and Personal Estate.	Total Valuation of City.	Percentage of Valuation of Abatements to Total Valuation of City.
1893.....	\$132,310 97	\$12 80	\$10,336,700	\$924,093,751	1.11
1894.....	114,573 50	12 80	8,951,000	928,109,042	.96
1895.....	114,263 98	12 80	8,926,800	951,367,928	.93
1896.....	120,545 93	12 90	9,344,600	981,269,914	.95
1897.....	117,901 53	13 00	9,069,300	1,012,582,209	.89
1898.....	136,586 77	13 60	10,043,100	1,036,099,418	.96
1899.....	135,651 35	13 10	10,355,000	1,089,736,252	.94
1900.....	194,409 91	14 70	13,225,100	1,129,175,832	1.17
1901.....	166,528 08	14 90	11,176,400	1,152,505,834	.96
1902.....	190,528 46	14 80	12,873,500	1,191,274,616	1.08
1903.....	217,668 70	14 80	14,707,300	1,220,457,323	1.20
1904.....	212,181 56	15 20	13,959,300	1,236,953,562	1.12
1905.....	203,741 88	16 00	12,733,800	1,259,745,682	1.01
1906.....	249,386 21	15 90	15,684,600	1,289,705,887	1.21
1907.....	204,814 65	15 90	12,881,400	1,313,471,556	.98
1908.....	196,258 30	16 50	11,894 400	1,327,662,337	.89
1909.....	190,374 44	16 50	11,537,800	1,347,948,227	.85
1910.....	213,445 32	16 40	13,014,900	1,393,760,423	.93
1911.....	180,547 50	16 40	11,008,900	1,428,349,513	*.77

* Abatements for 1911 are to February 1, 1912, not for full year.

TABLE G.

Recapitulation of the Approximate Value of the Dwelling Houses
(Including Hotels) in Boston April 1, 1911.

VALUE.	Number of Houses.	Hotels.	Family Hotels.
Value, less than \$1,000.....	2,134		
" \$1,000 and less than \$2,000.....	7,602		
" 2,000 " " 3,000.....	10,729		1
" 3,000 " " 4,000.....	10,920		4
" 4,000 " " 5,000.....	9,444		6
" 5,000 " " 6,000.....	7,246		9
" 6,000 " " 7,000.....	5,399		16
" 7,000 " " 8,000.....	3,807		12
" 8,000 " " 9,000.....	2,308		24
" 9,000 " " 10,000.....	1,555	1	19
" 10,000 " " 11,000.....	1,239		21
" 11,000 " " 12,000.....	869	2	17
" 12,000 " " 13,000.....	727		12
" 13,000 " " 14,000.....	541		17
" 14,000 " " 15,000.....	453	1	21
" 15,000 " " 16,000.....	402		20
" 16,000 " " 17,000.....	310		22
" 17,000 " " 18,000.....	269	1	16
" 18,000 " " 19,000.....	252		14
" 19,000 " " 20,000.....	230		18
" 20,000 " " 21,000.....	281		25
" 21,000 " " 22,000.....	196	1	10
" 22,000 " " 23,000.....	135	3	13
" 23,000 " " 24,000.....	144		10
" 24,000 " " 25,000.....	130		11
" 25,000 " " 26,000.....	114	1	21
" 26,000 " " 27,000.....	122	1	13
" 27,000 " " 28,000.....	111	1	13
" 28,000 " " 29,000.....	91		8
" 29,000 " " 30,000.....	92		6
" 30,000 " " 31,000.....	71	1	10
" 31,000 " " 32,000.....	75		8
" 32,000 " " 33,000.....	58		5
" 33,000 " " 34,000.....	57	1	9
" 34,000 " " 35,000.....	66		7
" 35,000 " " 36,000.....	71	1	12
" 36,000 " " 37,000.....	53	1	7
" 37,000 " " 38,000.....	41	1	4
" 38,000 " " 39,000.....	43	1	4
" 39,000 " " 40,000.....	25		4
" 40,000 " " 41,000.....	38		9
" 41,000 " " 42,000.....	35		2
" 42,000 " " 43,000.....	27	1	3
" 43,000 " " 44,000.....	29		6
" 44,000 " " 45,000.....	26	1	1
" 45,000 " " 46,000.....	27	1	7
" 46,000 " " 47,000.....	15	1	4
" 47,000 " " 48,000.....	17	2	3
" 48,000 " " 49,000.....	22		2
" 49,000 " " 50,000.....	14		2
" 50,000 " " 51,000.....	33	1	5
" 51,000 " " 52,000.....	14	1	2
" 52,000 " " 53,000.....	19		4
" 53,000 " " 54,000.....	11		2
" 54,000 " " 55,000.....	13		3
" 55,000 " " 56,000.....	19		3
" 56,000 " " 57,000.....	10		2
" 57,000 " " 58,000.....	14		1
" 58,000 " " 59,000.....	19	1	2
" 59,000 " " 60,000.....	19		
" 60,000 " " 61,000.....	25	1	5
" 61,000 " " 62,000.....	8		
" 62,000 " " 63,000.....	12	2	2
" 63,000 " " 64,000.....	15		2
" 64,000 " " 65,000.....	10		1
" 65,000 " " 66,000.....	20	1	2
" 66,000 " " 67,000.....	10		
Carried forward.....	68,933	32	544

RECAPITULATION OF THE APPROXIMATE VALUE OF THE DWELLING HOUSES
(INCLUDING HOTELS) IN BOSTON APRIL 1, 1911.—*Continued.*

VALUE.	Number of Houses.	Hotels.	Family Hotels.
<i>Brought forward</i>	68,933	32	544
Value, \$67,000 and less than \$68,000	14	.....	1
" 68,000 " " 69,000	12	.....	6
" 69,000 " " 70,000	6	2	.....
" 70,000 " " 71,000	16	1	4
" 71,000 " " 72,000	3	.....	1
" 72,000 " " 73,000	8	.....	.....
" 73,000 " " 74,000	7	.....	2
" 74,000 " " 75,000	7	.....	3
" 75,000 " " 76,000	5	2	4
" 76,000 " " 77,000	5	.....	.....
" 77,000 " " 78,000	8	.....	2
" 78,000 " " 79,000	2	1	2
" 79,000 " " 80,000	6	.....	2
" 80,000 " " 81,000	3	.....	5
" 81,000 " " 82,000	1	.....	.....
" 82,000 " " 83,000	9	.....	1
" 83,000 " " 84,000	5	.....	2
" 84,000 " " 85,000	8	.....	.....
" 85,000 " " 86,000	5	1	3
" 86,000 " " 87,000	2	.....	2
" 87,000 " " 88,000	3	.....	1
" 88,000 " " 89,000	3	.....	3
" 89,000 " " 90,000	3	.....	2
" 90,000 " " 91,000	12	.....	2
" 91,000 " " 92,000 .....	.....	.....	1
" 92,000 " " 93,000	4	.....	2
" 93,000 " " 94,000	3	.....	1
" 94,000 " " 95,000 .....	.....	.....	.....
" 95,000 " " 96,000	5	.....	4
" 96,000 " " 97,000	3	.....	.....
" 97,000 " " 98,000	1	.....	.....
" 98,000 " " 99,000	2	1	.....
" 99,000 " " 100,000	1	.....	.....
\$100,000	6	.....	225 Bay State Road. 334 Beacon st. 416 Beacon st. Boston Art Club. 3 Commonwealth ave 1A Marlboro st. Hotel Kempton. Hotel Trafalgar. Hotel Argyle. Guilford Hall.
100,000 .....	.....	2	4 New Castle Court. Hotel Renaissance.
100,000 .....	.....	.....	46 Beacon st. 2 Gloucester st.
103,000	1	.....	1 Hemenway terrace. 332 Beacon st.
104,000	1	.....	Beverly Hall.
104,000 .....	.....	.....	3 290 Com'wealth ave. Hotel Inverness.
105,000	1	.....	1 Hotel Albemarle. 409 Com'wealth ave.
105,000 .....	.....	.....	16 Beacon st. 3-15 Beach st.
107,000	2	.....	.....
107,000 .....	.....	1	.....
108,000	1	.....	.....
109,200 .....	.....	1	Hotel Preble. 270 Boylston st.
110,000	2	.....	51 Com'wealth ave. 359-369 Cambridge st.
110,000 .....	.....	2	Hotel Royal.
110,000 .....	.....	.....	1 Hotel Graffam. 488 Boylston st.
111,000	2	.....	247 Com'wealth ave. 310 Beacon st.
113,000	2	.....	1 Raleigh st.
113,100 .....	.....	.....	1 Hotel Gladstone. 160 Beacon st.
115,000	3	.....	13 Com'wealth ave. 347 Com'wealth ave.
<i>Carried forward</i>	69,126	46	611

RECAPITULATION OF THE APPROXIMATE VALUE OF THE DWELLING HOUSES
(INCLUDING HOTELS) IN BOSTON APRIL 1, 1911.— *Continued.*

VALUE.	Number of Houses.	Hotels.	Family Hotels.
<i>Brought forward</i>	69,126	46	611
\$115,000.....		1	Hotel Clarendon.
116,000.....	1		805 Washington st.
116,000.....		1	21-23 Green st.
116,000.....			2 Hotel Earls court.
117,000.....			Hotel Westland.
118,000.....	2		1 Hotel Vossler.
			266 Beacon st.
			1212-1218 Com'wealth ave.
119,000.....	1		795 Washington st.
			255 Beacon st.
120,000.....	3		299 Berkeley st.
			303 Com'wealth ave.
120,000.....		1	Hampton House.
120,000.....			1 Hotel Dartmouth.
122,000.....	2		395 Com'wealth ave.
			411 Com'wealth ave.
123,000.....	1		211 Com'wealth ave.
123,000.....			1 222-224 Marlboro st.
124,000.....	1		158-166 Court st.
			99 Beacon st.
			420 Beacon st.
125,000.....	5		1 Charlesgate East.
			24 Charlesgate East.
			20 Gloucester st.
125,000.....			2 Albemarle Chambers.
			Hotel Ericson.
126,000.....	2		100 Beacon st.
			21 Fairfield st.
131,000.....			1 Hotel Imperial.
131,300.....			1 Arborway Court.
133,000.....			1 Hotel Beresford.
134,000.....	1		274 Boylston st.
134,000.....		1	New Marlboro Hotel.
135,000.....	1		15 Com'wealth ave.
135,000.....		1	Winter Place Hotel.
136,000.....			1 The Warren.
138,000.....	1		274 Beacon st.
138,000.....			1 Hotel Wadsworth.
139,000.....	1		199 Com'wealth ave.
139,500.....			1 Garrison Hall.
140,000.....			45 Beacon st.
143,000.....	1		257 Com'wealth ave.
144,000.....	1		412 Beacon st.
145,000.....	1		152 Com'wealth ave.
145,000.....			1 Hotel Colonial.
146,000.....		1	Hotel Bartol.
147,000.....			1 Copley.
			270 Beacon st.
148,000.....	2		297 Com'wealth ave.
			96 Bay State Road.
150,000.....			2 Hotel Royal.
150,000.....	1		147 Bay State Road.
154,000.....	1		Ivanhoe Apartments.
155,000.....			1 Fenway Studios.
158,000.....	1		287 Com'wealth ave.
158,000.....		1	Hotel Napoli.
160,000.....			1 Hotel Fensmere.
161,000.....			1 Hotel Chesterfield.
162,000.....		1	Hotel Haymarket.
163,000.....	1		130 Beacon st.
165,000.....			1 Hotel Sanford.
166,000.....			1 Hotel Saranac.
168,000.....		1	Continental Hotel.
			230 Boylston st.
170,000.....	3		261 Clarendon st.
			32 Hereford st.
171,000.....			1 Waquoit.
175,000.....	1		27 Com'wealth ave.
177,000.....	1		118 Beacon st.
178,000.....	1		22 Fairfield st.
<i>Carried forward</i>	69,164	55	634

RECAPITULATION OF THE APPROXIMATE VALUE OF THE DWELLING HOUSES
(INCLUDING HOTELS) IN BOSTON APRIL 1, 1911.—*Continued.*

VALUE.	Number of Houses.	Hotels.	Family Hotels.
<i>Brought forward</i>	69,164	55	634
\$180,000.....			1 Hotel Commonwealth.
181,000.....			1 Waverley House.
182,000.....			1 Frost Hall.
186,400.....		1	Hotel Bowdoin.
187,000.....			1 Hotel Belvoir.
189,000.....	1		150 Beacon st.
190,000.....			1 66 Beacon st.
190,500.....			1 Hotel Navarre.
192,000.....		1	Falmouth House.
195,000.....			2 {Hotel Austerfield.
196,000.....	1		{Hotel Windemere.
			42 Beacon st.
200,000.....	3		{410 Boylston st.
			{355 Com'wealth ave.
			{17 Gloucester st.
203,000.....	1		5 Com'wealth ave.
206,000.....	1		448 Beacon st.
220,000.....		1	Hotel Plaza.
221,000.....		1	Hotel Tuileries.
225,000.....			1 Haddon Hall.
230,000.....		1	Hotel Ludlow.
232,000.....	1		314 Com'wealth ave.
232,000.....			1 Hotel Canterbury.
239,900.....		1	Hotel Carlton.
240,000.....			2 {Hotel Empire.
			{Hotel Hamilton.
250,000.....	1		12 Arlington st.
250,000.....		1	Hotel Langham.
250,000.....			1 Beacon Chambers.
254,000.....		1	Boston Tavern.
260,000.....	1		217 Com'wealth ave.
268,000.....		1	St. James Hotel.
270,000.....	1		306 Dartmouth st.
271,000.....		1	Hotel Princeton.
280,000.....			1 Technology Chambers.
282,500.....		1	Brigham's Hotel.
282,500.....			1 Hotel Chumy.
284,500.....		1	Hotel Nottingham.
284,600.....		1	Hotel Oxford.
286,200.....	1		Fenway Court.
287,500.....			1 The Ikley.
304,000.....			1 Fenway Gate.
			2 {Hotel Cambridge.
312,000.....			{Hotel Tudor.
315,000.....			1 Boylston Chambers.
330,000.....		2	{New England House.
			{Hotel Rexford.
331,500.....			1 Hemenway Chambers.
340,000.....			1 Hotel Marlborough.
343,500.....			1 Hoffman House.
345,000.....		1	Revere House.
345,000.....			1 Hotel Agassiz.
353,000.....		1	Clark's Hotel.
355,000.....		1	Commonwealth Hotel.
358,800.....		1	Castle Square Hotel.
360,000.....		1	Hotel Victoria.
365,000.....	1		927 Boylston st.
375,000.....			1 Hotel Bristol.
388,000.....		1	Hotel Brewster.
420,000.....	1		B. A. A., Exeter st.
430,000.....		1	Hotel Charlesgate.
460,000.....			1 Warren Chambers.
475,000.....		1	Hotel Puritan.
512,500.....		1	American House.
529,000.....			1 Trinity Court.
535,000.....			1 Massachusetts Chamb.
550,000.....		1	Hotel Buckminster.
551,400.....		1	Copley Square Hotel.
584,000.....		1	Hotel Westminster.
620,000.....		1	Hotel Thorndike.
<i>Carried forward</i>	69,178	83	662

RECAPITULATION OF THE APPROXIMATE VALUE OF THE DWELLING HOUSES
(INCLUDING HOTELS) IN BOSTON APRIL 1, 1911.— *Concluded.*

VALUE.	Number of Houses.	Hotels.	Family Hotels.
<i>Brought forward</i>	69,178	83	662
\$634,000.....	1	1	Hotel Lenox.
635,900.....	1	1	Crawford House.
650,000.....	1	1	Hotel Vendome.
656,300.....	1	1	Hotel Essex.
733,000.....	1	1	United States Hotel.
830,000.....	1	1	Hotel Bellevue.
846,000.....	1	1	Quincy House.
861,000.....	.....	1	Hotel Pelham.
990,000.....	1	1	Hotel Brunswick.
992,000.....	1	1	Adams House.
1,000,000.....	1	1	Hotel Somerset.
1,810,000.....	1	1	Parker House.
1,953,000.....	1	1	Young's Hotel.
2,307,000.....	1	1	Hotel Touraine.
Totals.....	69,178	96	663

Valuation of Land and Buildings

WARDS.	1896.		
	Value Land.	Value Buildings.	Total Value.
1.....	\$4,216,850	\$6,436,000	\$10,652,850
2.....	5,073,050	6,117,400	11,190,450
3.....	4,086,200	3,848,700	7,934,900
4.....	5,842,300	4,424,500	10,266,800
5.....	6,746,400	5,428,300	12,174,700
6.....	72,849,200	31,264,800	104,114,000
7.....	131,666,200	48,313,700	179,979,900
8.....	14,579,600	10,249,900	24,829,500
9.....	11,834,600	12,721,900	24,556,500
10.....	24,625,600	20,601,300	45,226,900
11.....	52,593,700	41,133,400	93,727,100
12.....	9,504,400	13,931,500	23,435,900
13.....	10,057,400	7,359,900	17,417,300
14.....	3,535,900	6,302,600	9,838,500
15.....	3,291,700	5,342,000	8,633,700
16.....	4,515,400	7,831,200	12,346,600
17.....	6,751,500	8,229,500	14,981,000
18.....	7,688,900	7,494,500	15,183,400
19.....	10,142,900	8,281,600	18,424,500
20.....	9,799,000	13,620,200	23,419,200
21.....	9,698,200	14,080,600	23,778,800
22.....	8,578,500	10,129,500	18,708,000
23.....	9,594,800	8,564,400	18,159,200
24.....	8,098,900	12,683,600	20,782,500
25.....	11,798,500	8,701,000	20,499,500
Totals.....	\$447,169,700	\$323,092,000	\$770,261,700

by Wards in 1896 and 1911.

1911.			WARDS.
Value Land.	Value Buildings.	Total Value.	
\$7,066,500	\$10,705,800	\$17,772,300	1
11,344,400	10,693,800	22,038,200	2
6,548,100	5,262,700	11,810,800	3
7,165,800	6,548,300	13,714,100	4
7,077,000	5,415,700	12,492,700	5
131,776,100	44,809,300	176,585,400	6
222,801,200	68,407,100	291,208,300	7
21,192,500	14,297,700	35,490,200	8
11,211,200	13,322,200	24,533,400	9
38,946,000	27,431,200	66,377,200	10
75,090,700	53,527,300	128,618,000	11
8,968,900	12,355,200	21,324,100	12
18,189,400	12,756,000	30,945,400	13
4,454,600	9,305,100	13,759,700	14
3,365,500	5,910,800	9,276,300	15
5,545,800	10,546,000	16,091,800	16
9,758,900	10,324,500	20,083,400	17
7,689,000	8,347,800	16,036,800	18
11,836,400	12,505,800	24,342,200	19
14,454,200	32,095,200	46,549,400	20
9,833,700	17,730,700	27,564,400	21
9,016,900	13,512,200	22,529,100	22
13,550,600	15,832,400	29,383,000	23
12,490,100	21,349,600	33,839,700	24
16,110,300	18,187,200	34,297,500	25
\$685,483,800	\$461,179,600	\$1,146,663,400	Totals.

Gains and Losses by Wards, 1896 and 1911.

WARDS.	Land.	Buildings.	Total.
1.....	\$2,849,650	\$4,269,800	\$7,119,450
2.....	6,271,350	4,576,400	10,847,750
3.....	2,461,900	1,414,000	3,875,900
4.....	1,323,500	2,123,800	3,447,300
5.....	330,600	¹ 12,600	318,000
6.....	58,926,900	13,544,500	72,471,400
7.....	91,135,000	20,093,400	111,228,400
8.....	6,612,900	4,047,800	10,660,700
9.....	¹ 623,400	600,300	¹ 23,100
10.....	14,320,400	6,829,900	21,150,300
11.....	22,497,000	12,393,900	34,890,900
12.....	¹ 535,500	¹ 1,576,300	¹ 2,111,800
13.....	8,132,000	5,396,100	13,528,100
14.....	918,700	3,002,500	3,921,200
15.....	73,800	568,800	642,600
16.....	1,030,400	2,714,800	3,745,200
17.....	3,007,400	2,095,000	5,102,400
18.....	100	853,300	853,400
19.....	1,693,500	4,224,200	5,917,700
20.....	4,655,200	18,475,000	23,130,200
21.....	135,500	3,650,100	3,785,600
22.....	438,400	3,382,700	3,821,100
23.....	3,955,800	7,268,000	11,223,800
24.....	4,391,200	8,666,000	13,057,200
25.....	4,311,800	9,486,200	13,798,000
Totals.....	\$238,314,100	\$138,087,600	\$376,401,700

¹ Loss.

TABLE H.—RECAPITULATION.
Statistics of Wards 1 to 25, Inclusive, April 1, 1911.

WARDS.	Number of Dwelling Houses.	Number of Vacant Houses.	Value of Vacant Houses.	Hotels.	Family Hotels.	Houses Erecting.	Stores.	Miscellaneous Buildings.	Horses.	Cows.	WARDS.
1.....	3,422	56	\$132,400	.....	.....	13	.....	221	500	.....	1
2.....	2,340	82	145,400	.....	2	1	25	255	159	.....	2
3.....	1,703	65	121,900	1	.....	.....	5	187	361	.....	3
4.....	1,795	116	147,900	.....	1	.....	.....	376	1,335	6	4
5.....	1,294	11	48,400	1	1	.....	65	92	933	.....	5
6.....	1,476	10	100,200	28	.....	1	1,106	11	1,199	.....	6
7.....	1,137	52	366,700	15	1	.....	1,321	91	2,239	.....	7
8.....	1,706	58	243,400	9	11	9	107	233	263	.....	8
9.....	1,812	52	228,700	9	66	2	54	139	1,062	.....	9
10.....	2,082	47	372,500	15	170	5	6	178	416	.....	10
11.....	3,089	89	1,527,100	10	102	21	158	175	693	.....	11
12.....	2,332	84	269,800	1	41	1	109	116	91	.....	12
13.....	2,092	142	178,200	.....	.....	.....	25	446	1,413	.....	13
14.....	2,519	74	152,000	1	4	.....	19	199	499	30	14
15.....	2,604	82	137,700	.....	5	9	.....	200	425	2	15
16.....	2,584	84	138,900	.....	55	15	6	220	277	.....	16
17.....	2,410	89	217,500	.....	44	2	30	339	1,020	.....	17
18.....	2,195	47	127,400	.....	43	3	224	148	308	.....	18
19.....	2,871	49	121,600	1	14	9	17	238	524	35	19
20.....	6,881	114	608,600	.....	27	60	89	525	528	11	20
21.....	3,644	51	329,500	1	48	10	73	492	161	.....	21
22.....	3,357	69	330,100	.....	14	9	.....	332	436	6	22
23.....	4,847	121	494,000	1	2	59	3	925	863	149	23
24.....	5,582	83	333,200	.....	1	56	112	549	642	95	24
25.....	3,404	86	516,300	3	11	17	24	632	531	142	25
Totals.....	69,178	1,763	\$7,409,400	96	663	303	3,627	6,869	16,898	476	Totals.

TABLE H.—*Concluded.*

WARDS.	FEET OF LAND.				VALUE OF LAND.				WARDS.
	Occupied.	Vacant.	Marsh and Flats.	Total.	Occupied.	Vacant.	Marsh and Flats.	Total.	
1	12,205,870	10,114,645	33,755,762	56,076,277	\$5,155,400	\$1,064,900	\$846,200	\$7,066,500	
2	10,077,248	623,713	6,132,839	16,833,820	7,641,600	163,500	3,639,300	11,344,400	
3	6,487,692	49,653	6,489,917	7,227,262	5,904,000	27,100	617,000	6,548,100	
4	8,009,411	815,671	1,732,478	10,557,560	6,608,400	430,000	127,400	7,165,800	
5	4,204,681	101,174	1,020,827	5,331,582	3,548,600	104,500	1,423,900	7,077,000	
6	7,624,502	* 26,262	1,130,000	7,873,764	129,700,900	116,200	1,959,000	131,776,100	
7	9,519,557	46,135	429,257	9,994,949	221,624,100	246,200	930,900	222,801,200	
8	3,624,988	270,673		3,895,661	19,056,700	2,135,800		21,192,500	
9	4,549,304	214,758		3,249,952	10,438,200	239,400	533,600	11,211,200	
10	7,900,015	1,866,174		9,766,189	31,804,900	7,141,100		38,946,000	
11	8,845,645	5,342,635	1,275,500	15,463,780	65,919,100	9,145,100	26,500	75,090,700	
12	4,576,579	100,418		4,676,997	8,840,000	128,900		8,968,900	
13	13,649,880	1,340,887	2,601,119	17,591,886	15,835,500	1,172,800	1,181,100	18,189,400	
14	13,752,697	1,171,631	4,112,971	19,037,299	3,778,200	324,500	337,000	4,454,600	
15	5,567,016	1,111,509	1,506,148	8,184,673	2,823,900	294,400	247,100	3,365,500	
16	9,845,615	4,401,023	4,537,474	18,784,112	4,116,100	1,061,000	368,700	5,545,800	
17	11,520,200	2,899,990	2,315,126	16,735,316	8,133,400	1,386,400	239,100	9,758,900	
18	5,254,725	519,471		5,774,196	7,121,600	567,400		7,689,000	
19	9,808,512	9,003,141		18,811,653	5,269,000	5,269,000		11,836,000	
20	35,655,377	13,099,279	14,439,148	63,193,804	11,220,300	3,050,700	183,200	14,454,200	
21	17,405,308	3,490,099		20,895,407	6,374,400	1,459,300		9,833,700	
22	15,545,150	8,222,559		23,767,709	6,452,800	2,563,100		9,016,900	
23	38,994,628	131,980,995		190,975,623	6,312,500	7,238,100		13,550,600	
24	36,753,295	33,200,974	9,600,484	100,554,753	4,277,800	8,038,200	174,100	12,490,100	
25	35,272,347	44,287,843	2,224,957	82,240,147	8,744,700	7,300,500	65,100	16,110,300	
Totals.	336,210,242	315,300,312	87,989,917	739,500,471	\$612,001,500	\$60,680,100	\$12,796,200	\$835,483,800	

VALUATION OF PROPERTY.

Rate of Taxation and the Number of Polls as Shown in the Assessment of Taxes in the City of Boston from 1822 to 1911, Both Years Inclusive.

YEAR.	Total Valuation.	Valuation Real Estate.	Valuation Personal Estate.	Rate of Taxation.	Ratable Polls.	Population.
1822.....	\$42,140,200	\$23,364,400	\$18,775,800	\$7 30	8,800	
1823.....	44,896,800	25,367,000	19,529,800	7 00	9,855	
1824.....	49,843,800	27,303,800	22,540,000	8 50	10,897	
1825.....	52,442,600	30,992,000	21,450,600	7 00	11,660	58,277
1826.....	59,449,200	34,203,000	25,246,200	7 00	12,602	
1827.....	65,858,400	36,061,400	29,797,000	7 00	12,442	
1828.....	61,523,200	35,908,000	25,615,200	7 10	12,535	
1829.....	61,068,000	36,953,800	24,114,200	7 90	13,495	
1830.....	59,586,000	36,960,000	22,626,000	8 10	13,096	61,392
1831.....	60,698,200	37,675,000	23,023,200	7 90	13,618	
1832.....	67,514,400	39,145,200	28,369,200	8 20	14,184	
1833.....	70,477,200	40,966,400	29,510,800	8 50	14,899	
1834.....	74,805,800	43,140,600	31,665,200	9 40	15,136	
1835.....	79,342,600	47,552,800	31,789,800	9 70	16,188	78,603
1836.....	88,265,000	53,370,000	34,895,000	9 50	16,719	
1837.....	89,583,800	56,311,600	33,272,200	10 00	17,182	
1838.....	90,231,600	57,372,400	32,859,200	9 80	15,615	
1839.....	91,826,400	58,577,800	33,248,600	11 30	16,561	
1840.....	94,581,600	60,424,200	34,157,400	11 00	17,966	93,383
1841.....	98,006,600	61,963,000	36,043,600	12 00	18,915	
1842.....	106,723,700	65,499,900	41,223,800	5 70	19,636	
1843.....	110,046,000	67,673,400	42,372,600	6 20	20,063	
1844.....	118,450,300	72,048,000	46,402,300	6 00	22,339	
1845.....	135,948,700	81,991,400	53,957,300	5 70	24,287	114,366
1846.....	148,839,600	90,119,600	58,720,000	6 00	25,974	
1847.....	162,360,400	97,764,500	64,595,900	6 00	27,008	
1848.....	167,728,000	100,403,200	67,324,800	6 50	27,726	
1849.....	174,180,200	102,827,500	71,352,700	6 50	28,363	
1850.....	180,000,500	105,093,400	74,907,100	6 80	28,018	136,881
1851.....	187,947,000	109,358,500	78,588,500	7 00	28,445	

From 1822 to 1842, inclusive, poll tax assessed on all males above 16 years of age.
 1843, poll tax assessed on all males between 20 and 70 years of age.
 1844, and thereafter, poll tax assessed on all males above 20 years of age.
 Population 1790, 18,320 1810, 33,787
 1800, 24,937 1820, 43,298

VALUATION OF PROPERTY.—*Continued.*

YEAR.	Total Valuation.	Valuation Real Estate.	Valuation Personal Estate.	Rate of Taxation.	Ratable Polls.	Popula- tion.
1852....	\$187,680,000	\$110,699,200	\$76,980,800	\$6 40	28,983	
1853....	206,514,200	116,090,900	90,423,300	7 60	29,959	
1854....	227,013,200	127,730,200	99,283,000	9 20	31,130	
1855....	241,932,200	136,351,300	105,580,900	7 70	31,602	160,490
1856....	249,162,500	143,681,700	105,480,800	8 00	32,974	
1857....	258,111,900	149,713,800	108,398,100	9 30	33,162	
1858....	254,714,100	153,505,300	101,208,800	8 60	32,621	
1859....	263,429,000	158,410,900	105,018,100	9 70	33,456	
1860....	276,861,000	163,891,300	112,969,700	9 30	34,449	177,840
1861....	275,760,100	167,682,100	108,078,000	8 90	35,161	
1862....	276,217,000	163,638,000	112,579,000	10 50	34,159	
1863....	302,507,200	169,624,500	132,882,700	11 50	33,618	
1864....	332,449,900	182,072,300	150,377,600	13 30	32,832	
1865....	371,892,775	201,628,900	170,263,875	15 80	34,704	192,318
1866....	415,362,345	225,767,215	189,595,130	13 00	34,192	
1867....	444,946 100	250,587,700	194,358,400	15 50	35,772	
1868....	493,573,700	287,635,800	205,937,900	12 30	48,416	
1869....	549,511,600	332,051,900	217,459,700	13 70	51,195	
1870....	584,089,400	365,593,100	218,496,300	15 30	56,926	250,526
1871....	612,633,550	395,214,950	217,448,600	13 10	61,148	
1872.. .	682,724,300	443,283,450	239,440,850	11 70	67,221	
1873....	693,831,400	470,086,200	223,745,200	12 80	70,199	
1874....	798,755,050	554,200,150	244,554,900	15 60	84,684	
1875....	793,961,895	558,941,000	235,020,895	13 70	85,086	341,919
1876....	748,996,210	526,157,900	222,838,310	12 70	81,364	
1877....	686,840,586	481,407,200	205,433,386	13 10	86,007	
1878....	630,446,866	440,375,900	190,070,966	12 80	85,913	
1879....	613,322,692	428,777,000	184,545,692	12 50	89,452	
1880....	639,462,495	437,370,100	202,092,395	15 20	93,769	362,839
1881 *....	665,554,597	455,388,600	210,165,997	13 90	99,407	
1882....	672,497,962	467,704,150	204,793,812	15 10	102,594	
1883....	682,432,671	478,318,900	204,113,771	14 50	107,286	
1884....	682,656,658	488,130,600	194,526,058	17 00	110,481	
1885....	685,579,072	495,973,400	189,605,672	12 80	112,104	390,393
1886....	710,621,335	517,503,275	193,118,060	12 70	112,446	
1887....	747,642,517	547,171,175	200,471,342	13 40	115,603	

* Act of 1881 exempting real estate mortgages went into effect in 1882.

VALUATION OF PROPERTY.—*Concluded.*

YEAR.	Total Valuation.	Valuation Real Estate.	Valuation Personal Estate.	Rate of Taxation.	Ratable Polls.	Population.
1888.....	\$764,452,548	\$563,013,275	\$201,439,273	\$13 40	120,529	
1889.....	795,433,744	593,799,975	201,633,769	12 90	123,335	
1890.....	822,041,800	619,990,275	202,051,525	13 30	125,906	448,477*
1891.....	855,069,415	650,238,375	204,831,040	12 60	132,809	
1892.....	893,975,704	680,279,875	213,695,829	12 90	136,375	
1893.....	924,093,751	707,762,275	216,331,476	12 80	139,757	
1894.....	928,109,042	723,743,850	204,365,192	12 80	139,789	
1895.....	951,367,928	744,751,050	206,616,878	12 80	142,460	496,920
1896.....	981,269,914	770,261,700	211,008,214	12 90	148,477	
1897.....	1,012,582,209	803,860,550	208,721,659	13 00	154,654	
1898.....	1,036,099,418	830,233,900	205,865,518	13 60	157,590	
1899.....	1,089,736,252	866,809,700	222,926,552	13 10	161,401	
1900.....	1,129,175,832	902,490,700	226,685,132	14 70	166,354	560,892*
1901.....	1,152,505,834	925,037,500	227,468,334	14 90	171,650	
1902.....	1,191,274,616	957,496,900	233,777,716	14 80	171,516	
1903.....	1,220,457,323	985,560,300	234,897,023	14 80	178,905	
1904.....	1,236,953,562	1,006,122,900	230,830,662	15 20	181,437	
1905.....	1,259,745,682	1,021,431,200	238,314,482	16 00	183,359	595,380
1906.....	1,289,705,887	1,044,892,700	244,813,187	15 90	183,464	
1907.....	1,313,471,556	1,070,864,700	242,606,856	15 90	184,983	
1908.....	1,327,662,337	1,082,405,300	245,257,037	16 50	187,566	
1909.....	1,347,948,227	1,092,602,000	255,346,227	16 50	189,539	
1910.....	1,380,831,800	1,118,989,100	274,771,323	16 40	198,849	670,585*
1911.....	1,428,349,513	1,146,663,400	281,686,113	16 40	195,533	

* United States census.

NOTE.—Prior to 1842 taxes were assessed on a basis of 50 per cent of true value. Custom discontinued in 1842 and thereafter.

The city of Roxbury was annexed January 6, 1868.

Valuation real estate	\$18,265,400
“ personal estate	8,286,300
“ total	\$26,551,700 said valuation

first taking effect as a part of Boston in 1868.
Population by state census of 1865 was 28,426.

The town of Dorchester was annexed January 3, 1870.

Valuation real estate	\$12,826,200
“ personal estate	7,489,500
“ total	\$20,315,700 said valuation

first taking effect as a part of Boston in 1870.
Population by state census of 1865 was 10,717.

The city of Charlestown was annexed January 5, 1874.

Valuation real estate	\$26,016,100
“ personal estate	9,273,582
“ total	\$35,289,682 said valuation

first taking effect as a part of Boston in 1874.
Population by United States census of 1870 was 28,323.

The town of West Roxbury was annexed January 5, 1874.

Valuation real estate	\$16,254,350
" personal estate	5,894,250
" total	\$22,148,600 said valuation
first taking effect as a part of Boston in 1874.	
Population by United States census of 1870 was 8,686.	

The town of Brighton was annexed January 5, 1874.

Valuation real estate	\$11,964,450
" personal estate	2,584,081
" total	\$14,548,531 said valuation
first taking effect as a part of Boston in 1874.	
Population by United States census of 1870 was 4,967.	

The town of Hyde Park was annexed January 1, 1912.

Valuation real estate	\$13,088,575
" personal estate	2,540,690
" total	\$15,629,265 said valuation
first taking effect as a part of Boston in 1912.	
Number of polls, 4,130.	
Population, United States census, 15,507.	

[DOCUMENT 4—1912]

REPORT
OF THE
CITY AUDITOR
OF THE
RECEIPTS AND EXPENDITURES
OF THE
CITY OF BOSTON AND THE COUNTY OF SUFFOLK
COMMONWEALTH OF MASSACHUSETTS
FOR THE FINANCIAL YEAR
1911-1912

FEBRUARY 1, 1911, TO JANUARY 31, 1912
(BOTH INCLUDED)



CITY OF BOSTON
PRINTING DEPARTMENT
1912



CITY OF BOSTON.

AUDITING DEPARTMENT,
CITY HALL, February 1, 1912.

HON. JOHN F. FITZGERALD,

Mayor of the City of Boston:

SIR,— In compliance with the provisions of chapter 3, section 24, and chapter 6, section 8, of the Revised Ordinances of 1898, the undersigned herewith submits his report of the receipts and expenditures of the

CITY OF BOSTON

AND

COUNTY OF SUFFOLK

for the year commencing February 1, 1911, and ending January 31, 1912, together with the details of debt and property.

Respectfully submitted,

J. ALFRED MITCHELL,

City Auditor and

Auditor of the County of Suffolk.

The balance in the treasury January 31, 1911, was	\$6,843,724 92
The receipts during the year have been as follows:	
On City account —	
From City Collector,	\$34,135,836 35
Sales of bonds,	3,526,500 00
Temporary loan in anticipation of taxes,	5,600,000 00
Board of Commissioners of Sinking Funds, for redemption and cancellation of debt,	2,076,000 00
Rapid Transit Interest and Sinking Funds for payment of Serial Debt,	6,000 00
Premium on loans negotiated,	115,323 35
Interest on bank deposits:	
General account,	\$107,155 73
George F. Parkman Fund,	7,619 73
Franklin Union, Andrew Carnegie Donation,	313 04
Franklin Fund,	103 71
Boston & Eastern Electric Railroad Company, Tun- nel Fund,	255 19
Carried forward,	\$115,447 40
	\$45,459,659 70
	\$6,843,724 92

<i>Brought forward,</i>	\$115,447 40	\$45,459,659 70	\$6 843,724 92
Patrick F. Sullivan Library Fund,	65 54		
Patrick A. Collins Memorial Library Fund,	29 95		
John Foster Trust Fund,	7 97		
		115,550 86	
Trust Funds:			
George F. Parkman Fund:			
Principal,	\$1,646,166 81		
Income un-			
appropri-			
ated added			
to princi-			
pal,	341 29		
Income,	198,675 66		
Investments			
matured,	50,750 00		
	\$1,895,933 76		
Franklin Union, Andrew Carnegie Donation:			
Income,	15,695 73		
Franklin Fund,			
sale of in-			
vestments,	\$9,261 00		
Accrued in-			
terest,	14 58		
	9,275 58		
Police Charitable Fund, in-			
vestments matured,	5,000 00		
Hyde Park Library Building Fund,	4,891 53		
Mount Hope Cemetery Trust Fund, investment matured,	1,000 00		
Martha Howard Thurston Carter Fund, Income,	80 00		
Sherwin School Graduates' Fund,	32 00		
		1,931,908 60	
Debt due, outstanding,		16,000 00	
Pay roll tailings,		13,119 56	
Old claims,		5,450 99	
Interest accrued on loans negotiated,		1,277 78	
Interest tailings,		1,185 00	
Sidewalk assessments, tailings,		73 50	
Town of Hyde Park:			
Premium on loans,	\$12,565 80		
Fairview Cemetery,	11,953 28		
Fairview Cemetery, Augusta Hall Fund,	170 00		
Water Department,	647 44		
		25,336 52	
		\$47,569,562 51	
On account of the County of Suffolk:			
From City Collector,	\$234,510 64		
Old claims,	1,398 07		
Pay roll tailings,	1,218 98		
		237,127 69	
		47,806,690 20	
<i>Carried forward,</i>		\$54,650,415 12	

Brought forward,

\$54,650,415 12

The payments have been as follows:

On City account — on drafts,	\$36,128,384 07
Special payments:	
To Commonwealth:	
State tax,	\$1,880,395 00
Metropolitan	
Water As-	
essment,	1,825,362 87
National	
bank taxes,	638,623 70
Metropolitan	
Park As-	
essments,	601,526 77
Liquor li-	
cense rev-	
enue,	320,157 51
Metropolitan	
Sewer As-	
essments,	279,989 52
Charles River	
Embankment,	
on account,	119,934 01
Charles River	
Basin As-	
essment,	59,824 85
Abolishment of	
grade cross-	
ings, Assess-	
ments,	116,115 29
Corporation	
tax,	17,755 73
Abatement of	
Smoke As-	
essment,	3,987 15
Washington	
street, West	
Roxbury,	
Assess-	
ment,	68 50
State Highways	
Assess-	
ment,	70 00
	\$5,863,810 90

INVESTMENT OF TRUST FUNDS.

George F.	
Parkman	
Fund,	\$1,688,154 92
Cemetery	
Funds:	
Mount Hope	
Cemetery	
Trust	
Fund,	4,000 00
Evergreen	
Cemetery	
Trust	
Fund,	700 00

Carried for'd, \$1,692,854 92 \$5,863,810 90 \$36,128,384 07 \$54,650,415 12

<i>Brought forward,</i>	\$1,692,854 92	\$5,863,810 90	\$36,128,384 07	\$54,650,415 12
Dorchester North Burial Ground Trust Fund,	300 00			
Dorchester South Cemetery Trust Fund,	200 00			
Police Charitable Fund,	5,000 00			
School Funds:				
Gibson School Fund,	4,300 00			
Sherwin School Graduates' Fund,	100 00			
Public Library Funds:				
Joseph H. Carter Fund,	1,300 00			
Nathan A. Tufts Fund,	100 00			
		1,704,154 92		
Board of Commissioners of Sinking Funds:				
Revenue collected,	\$425,813 75			
Premium on loans negotiated,	10,386 84			
		436,200 59		
Pay roll tailings on City account,		10,558 73		
New England Sanitary Product Company,		5,000 00		
Old claims on City account,		2,212 25		
Interest tailings,		1,450 00		
Martha Howard Thurston Carter Fund, Income,		80 00		
			8,023,467 39	
				\$44,151,851 46
On County account:				
Amounts allowed by the Auditor of the County:				
General payments,	\$1,634,722 42			
Special payments:				
Pay roll tailings,	\$857 79			
Fines paid to complainants,	550 40			
Bail re-funded,	500 00			
Highway Assessment,	395 27			
Old claims,	75 76			
		2,379 22		
			1,637,101 64	
				45,788,953 10
Balance in treasury, January 31, 1912,				\$8,861,462 02

The balance in the treasury is made up of the following items:

Balances of appropriations carried to accounts of 1912-1913:

Regular department appropriations:

City,	\$140,313 70	
County,	671 11	
		\$140,984 81

Loan, Revenue and Special Appropriations:

City,	\$7,131,954 46	
County,	78,688 79	
		7,210,643 25

Trust Funds, Income, etc.,

129,340 31

\$7,480,968 37

Less advances, abolishment of grade crossings, 1910-11,

\$3,010 57

1911-12,

18,950 32

21,960 89

\$7,459,007 48

1,003,244 42

Cash in treasury, excess of income,

School Committee:

Excess of revenue, 91,179 32

Sales of city property, 74,000 00

Protested assessments:

Charles River Embankment, \$52,577 32

Street construction, 7,979 88

Sewerage works, 2,137 32

Separate systems of drainage, 1,319 63

Carleton street, 193 33

Blue Hill and other avenues, 113 78

Sewer construction, 12 21

64,333 47

Pay roll tailings:

On City account, \$33,293 74

County account, 6,985 41

40,279 15

Duplicates and overpayments,

34,214 55

Cash belonging to the Board of Commissioners of Sinking

Funds, 29,335 59

Debt due outstanding,

17,000 00

Cash belonging to trust funds:

George F. Parkman Fund, \$11,608 17

Mount Hope Cemetery, 1,574 82

Evergreen Cemetery, 381 81

Dorchester South Cemetery, 364 50

Fairview Cemetery, Augusta Hall Fund, 170 00

Dorchester North Burial Ground, 135 00

Daniel Preston Lot, 381 15

Library, 167 01

Sherwin School Graduates, 87 50

Gibson School, 15 43

14,885 39

Old claims:

City, \$12,848 07

County, 2,006 33

14,854 40

Residue from tax sales, etc.,

8,817 07

Sidewalk assessments, repayment of, tailing account,

5,105 92

Northern avenue and Sleeper street,

1,925 00

Bay State Gas Company, guarantee fund,

1,328 00

Unclaimed money,

1,263 52

Carried forward,

\$8,860,773 28

<i>Brought forward,</i>	\$8,860,773 28
Interest tailings,	292 50
Franklin Park betterments, repayment of,	238 22
Tax titles,	158 02
	\$8,861,462 02

The City Treasurer has paid, with moneys received from the Board of Commissioners of Sinking Funds and from taxes and revenue, the following amount of debt:

City Debt:	
Bearing $3\frac{1}{2}$ per cent interest,	\$92,750 00
Bearing 4 per cent interest,	2,107,000 00
Cochituate Water Debt:	
Bearing $3\frac{1}{2}$ per cent interest,	2,000 00
Bearing 4 per cent interest,	82,000 00
County Debt:	
Bearing 3 per cent interest,	17,000 00
Bearing $3\frac{1}{2}$ per cent interest,	20,666 67
Boston Tunnel and Subway Debt:	
Bearing $3\frac{1}{2}$ per cent interest,	6,000 00
	\$2,327,416 67

The following shows the amount, rate of interest and term of the debt issued:

Sinking Fund Debt:		
45 years at $3\frac{1}{2}$ per cent,	\$46,000 00	
45 years at 4 per cent,	904,000 00	
		\$950,000 00
Serial Debt:		
1 to 2 years at $3\frac{1}{2}$ per cent,	\$2,500 00	
1 to 3 years at $3\frac{1}{2}$ per cent,	3,000 00	
1 to 5 years at $3\frac{1}{2}$ per cent,	10,000 00	
1 to 10 years at $3\frac{1}{2}$ per cent,	20,000 00	
1 to 15 years at $3\frac{1}{2}$ per cent,	60,000 00	
1 to 10 years at 4 per cent,	550,000 00	
1 to 15 years at 4 per cent,	150,000 00	
1 to 20 years at 4 per cent,	1,136,000 00	
1 to 25 years at 4 per cent,	250,000 00	
1 to 30 years at 4 per cent,	395,000 00	
		2,576,500 00
		\$3,526,500 00

Of the total amount of debt issued, \$3,526,500, the sum of \$141,500 was taken at par by the Board of Commissioners of Sinking Funds or the various trust funds held by the city, the balance being sold as follows:

\$404,000 4 per cent, 45 years, at \$102.571.
 \$2,481,000, 4 per cent, serial, at \$102.571.
 \$500,000, 4 per cent, 45 years, at \$108.23.

RIGHT TO BORROW IN 1912.

CITY OF BOSTON,
BOARD OF COMMISSIONERS OF SINKING FUNDS,
CITY HALL, February 13, 1912.

HON. JOHN F. FITZGERALD,
Mayor of the City of Boston:

SIR,— In accordance with the provisions of chapter 93, Acts of 1891, it is estimated that the amount which the city will be able to borrow during the present municipal year within the debt limit established by law is \$3,599,105.28, as per schedule annexed.

Respectfully,

JAMES W. DUNPHY,
DAVID F. TILLEY,
MAX E. WYZANSKI,
JAMES T. WETHERALD,
W. PRENTISS PARKER,

Board of Commissioners of Sinking Funds.

J. ALFRED MITCHELL, *City Auditor.*
C. H. SLATTERY, *City Treasurer.*

Total funded debt, city and county, January 31, 1912,	\$117,042,089 33
Less special loans (outside of limit),	\$58,343,500 00
Water debt,	3,712,500 00
County debt (outside of limit),	3,466,333 33
	<u>65,522,333 33</u>
	\$51,519,756 00
Sinking funds,	\$42,372,544 95
Less:	
Special loans sinking funds,	\$18,452,907 86
Water sinking fund,	2,955,195 94
County courthouse sinking fund,	1,461,051 93
	<u>22,869,155 73</u>
	\$19,503,389 22
Premium on loans,	\$76,352 31
Less premiums on water loans,	12,565 80
	<u>63,786 51</u>
	<u>19,567,175 73</u>
Debt, excluding debts outside of limit and deducting sinking funds for said debt,	<u>\$31,952,580 27</u>

Two and one-half per cent on \$1,403,848,440, average valuation for three years, less abatements,	\$35,096,211 00
Debt as above,	31,952,580 27
March 1, 1912, interest on investments,	\$3,143,630 73
April 1, 1912, interest on investments,	472 50
May 1, 1912, interest on investments,	111,315 65
May 30, 1912, interest on investments,	2,030 00
June 1, 1912, interest on investments,	4,470 00
July 1, 1912, interest on investments,	20,701 25
Sept. 1, 1912, interest on investments,	186,179 13
Oct. 1, 1912, interest on investments,	472 50
Nov. 1, 1912, appropriation for sinking funds for debt inside debt limit,	110,995 65
Nov. 1, 1912, interest on investments,	930,854 00
Nov. 30, 1912, interest on investments,	2,030 00
Dec. 1, 1912, interest on investments,	4,470 00
Jan. 1, 1913, interest on investments,	20,701 25
Jan. 1, 1913, interest on bank deposits,	184,819 13
Serial bonds paid from taxes,	30,000 00
	331,463 49
Less loans authorized but not issued (inside debt limit),	\$5,084,605 28
	1,485,500 00
Right to borrow,	\$3,599,105 28

THE DEBT OF THE CITY AND COUNTY.

The amount of the funded debt of the City and County	
January 31, 1911, was	\$115,075,489 33
Add amount of bonds issued on account of	
City during the year 1911-1912,	\$2,576,500 00
By the Commonwealth, under chapter 534	
of the Acts of 1906 (Court House en-	
largement),	30,666 67
Rapid Transit Debt,	950,000 00
Hyde Park Debt, assumed by annexation,	753,850 00
	<u>4,311,016 67</u>
	\$119,386,506 00

Deduct funded debt paid in 1911-1912:	
City Debt,	\$2,199,750 00
Water Debt,	84,000 00
Rapid Transit Debt,	6,000 00
County Debt,	37,666 67
	<u>2,327,416 67</u>

Gross funded debt, January 31, 1912, *\$117,059,089 33

The Means on Hand for Paying the Debt.

Sinking funds in charge of the Board of	
Commissioners of Sinking Funds,	\$42,372,544 95
Betterments, etc., payments on which are	
made to the Board of Commissioners of	
Sinking Funds,	1,118,959 42
Premium on loans,	76,352 31
Cash in treasury,	17,000 00

Total redemption means, January 31, 1912, 43,584,856 68

Net funded debt, January 31, 1912, \$73,474,232 65

CITY AND COUNTY FUNDED DEBT.

	Gross Debt.	Sinking Funds, etc.	Net Debt.
City debt . . .	\$91,073,556 00	\$36,689,234 83	\$54,384,321 17
County debt . . .	† 3,874,333 33	1,461,051 93	2,413,281 40
Water debt . . .	3,712,500 00	2,967,761 74	744,738 26
	<u>\$98,660,389 33</u>	<u>\$41,118,048 50</u>	<u>\$57,542,340 83</u>
Rapid transit debt . .	18,398,700 00	2,466,808 18	15,931,891 82
	<u>*\$117,059,089 33</u>	<u>\$43,584,856 68</u>	<u>\$73,474,232 65</u>

* The City Treasurer has \$17,000 in treasury to redeem debt due but not presented for payment.

† Includes \$545,333.33 issued by the Commonwealth under chapter 534 of the Acts of 1906.

INCREASE OF DEBT IN 1911-12.

GROSS FUNDED DEBT.

	City Debt.	County Debt.	Water Debt.	Rapid Transit Debt.	Total.
January 31, 1912.....	\$91,073,556 00	\$3,874,333 33	\$3,712,500 00	\$18,398,700 00	†\$117,059,089 33
January 31, 1911.....	90,410,956 00	3,881,333 33	3,328,500 00	17,454,700 00	115,075,489 33
Increase.....	\$662,600 00	*\$7,000 00	\$384,000 00	\$944,000 00	\$1,983,600 00

NET FUNDED DEBT.

	City Debt.	County Debt.	Water Debt.	Rapid Transit Debt.	Total.
January 31, 1912.....	\$54,384,321 17	\$2,413,281 40	\$744,738 26	\$15,931,891 82	\$73,474,232 65
January 31, 1911.....	54,773,985 38	2,507,677 10	386,765 45	15,260,222 58	72,928,650 51
Increase.....	*\$389,664 21	*\$94,395 70	\$357,972 81	\$671,669 24	\$545,582 14

* Decrease.

† Includes \$753,850 Hyde Park debt assumed by annexation.

The following tables show the valuation, average valuation less abatements, appropriation orders, tax warrant and rate of taxation for twenty years:

YEAR.	Valuation May 1.	Average Valuation for 5 years, less abatements to Dec. 31 of previous year.	Appropriation Orders.	Tax Warrant.	Tax Rate.
1893.....	\$924,093,751	\$819,313,202	\$13,465,627	\$12,107,046 64	\$12 80
1894.....	928,109,042	850,076,262	13,391,754	12,157,649 57	12 80
1895.....	951,367,928	876,794,390	14,013,043	12,459,772 38	12 80
1896.....	981,269,914	902,579,136	14,544,461	12,953,897 60	12 90
1897.....	1,012,582,209	927,838,628	15,329,646	13,471,081 19	13 00
1898.....	1,036,099,418	951,638,949	16,742,024	14,405,234 13	13 60
1899.....	1,089,736,252	974,536,062	16,863,292	14,596,625 72	13 10

YEAR.	Valuation May 1.	Average Valuation for 3 years, less abatements to Dec. 31 of previous year.	Appropriation Orders.	Tax Warrant.	Tax Rate.
1900.....	\$1,129,175,832	\$1,039,316,493	\$19,521,828 56	\$16,928,136 83	\$14 70
1901.....	1,152,505,834	1,076,710,367	19,928,976 24	17,512,814 14	14 90
1902.....	1,191,274,616	1,114,501,306	19,425,152 69	17,999,290 39	14 80
1903.....	1,220,457,323	1,148,529,060	20,197,063 00	18,434,821 33	14 80
1904.....	1,236,953,562	1,179,268,057	20,474,996 00	19,183,916 03	15 20
1905.....	1,259,745,682	1,206,644,267	20,947,378 26	20,532,031 38	16 00
1906.....	1,289,705,887	1,229,429,222	21,391,670 00	20,912,772 74	15 90
1907.....	1,313,471,556	1,252,810,110	22,373,868 00	21,283,477 29	15 90
1908.....	1,327,662,337	1,277,830,274	22,408,747 51	22,315,135 45	16 50
1909.....	1,347,948,227	1,300,863,960	22,987,289 50	22,764,449 13	16 50
1910.....	* 1,393,760,423	1,323,892,973	24,170,674 00	23,497,382 69	16 40
1911.....	1,428,349,514	1,355,416,829	25,812,423 45	23,913,365 52	16 40
1912.....		1,403,848,440			

* April 1

REGULAR DEPARTMENT

OBJECT OF APPROPRIATIONS.	Balances from 1910-11.	Revenue received dur- ing 1911-12.	Loans issued in 1911-12.	Appropriations, 1911-12.
Art Department.....				\$2,500 00
Assessing Department.....				175,000 00
Auditing Department.....				46,300 00
Bath Department.....				186,000 00
Building Department:				
Department Expenses.....				113,000 00
Board of Appeal.....				3,000 00
Cemetery Department.....		\$5,504 07		75,000 00
City Clerk Department.....				46,000 00
City Council:				
Salaries.....				13,500 00
City Council Proceedings.....				10,000 00
Incidental Expenses.....		10 00		25,029 69
City Debt Requirements:				
Sinking Funds.....				1,462,998 00
Interest.....	\$132,607 20			3,378,000 00
City Documents.....		28 00		36,000 00
Collecting Department.....				135,000 00
Consumptives' Hospital Department.....		277 05		188,000 00
Election Department.....				141,000 00
Finance Commission.....				35,000 00
Fire Department.....		3,623 08		1,600,729 14
Health Department.....				277,049 89
Hospital Department.....		1,993 00		550,000 00
Boston Infirmary Department:				
Boston Almshouse and Hospital.....				149,600 00
Almshouse, Charlestown.....				16,400 00
Pauper expenses.....				6,500 00
Office expenses.....				4,700 00
Steamer "George A. Hibbard".....				7,300 00
Children's Institutions Department:				
Placing Out and Office Division.....				103,000 00
Parental School.....		1,973 45		55,500 00
Suffolk School for Boys.....		2,967 00		45,000 00
Carried forward.....	\$132,607 20	\$16,375 65		\$8,887,106 72

APPROPRIATIONS.

Transfers from.	Transfers to.	Total Credits.	Expenditures for 1911-12.	Balances to 1912-13.	Balances remaining in Treasury.
.....	.....	\$2,500 00	\$1,444 05	.....	\$1,055 95
.....	\$2,639 67	177,639 67	177,639 67	.....	.....
.....	.....	46,300 00	43,475 06	.....	2,824 94
.....	18,218 09	204,218 09	204,218 09	.....	.....
.....	1,600 00	114,600 00	110,682 97	.....	3,917 03
.....	1,146 52	4,146 52	4,146 52	.....	.....
.....	2,857 03	83,361 10	83,361 10	.....	.....
.....	.....	46,000 00	44,448 00	.....	1,552 00
.....	.....	13,500 00	13,500 00	.....	.....
.....	2,500 00	12,500 00	11,630 36	.....	869 64
.....	.....	25,039 69	24,052 20	.....	987 49
.....	.....	1,462,998 00	1,462,998 00	.....	.....
\$31,777 31	.....	3,478,829 89	3,373,564 47	\$105,265 42	.....
.....	.....	36,028 00	35,968 92	.....	59 08
.....	.....	135,000 00	134,589 33	.....	410 67
.....	.....	188,277 05	187,895 41	.....	381 64
.....	.....	141,000 00	138,826 65	.....	2,173 35
.....	.....	35,000 00	34,862 47	.....	137 53
.....	8,043 09	1,612,395 31	1,612,395 31	.....	.....
2,500 00	23,442 00	297,991 89	297,295 69	.....	696 20
.....	.....	551,993 00	551,538 93	.....	454 07
.....	7,009 19	156,609 19	156,609 19	.....	.....
744 40	.....	15,655 60	15,655 60	.....	.....
2,349 36	.....	4,150 64	4,150 64	.....	.....
78 07	.....	4,621 93	4,621 93	.....	.....
.....	449 32	7,749 32	7,749 32	.....	.....
.....	7,246 35	110,246 35	110,141 61	.....	104 74
900 00	.....	56,573 45	56,082 68	.....	490 77
6,346 35	.....	41,620 65	41,620 65	.....	.....
\$44,695 49	\$75,151 26	\$9,066,545 34	\$8,945,164 82	\$105,265 42	\$16,115 10

Regular Department

OBJECT OF APPROPRIATIONS.	Balances from 1910-11.	Revenue received dur- ing 1911-12.	Loans issued in 1911-12.	Appropriations, 1911-12.
<i>Brought forward</i>	\$132,607 20	\$16,375 65	.....	\$8,887,106 72
Institutions Registration Department.....	.....	.....	.....	21,200 00
Steamer "Monitor".....	.....	.....	.....	27,000 00
Law Department.....	.....	.....	.....	51,000 00
Library Department.....	294 50	474 07	.....	355,453 96
Licensing Board.....	.....	.....	.....	40,000 00
Market Department.....	.....	.....	.....	11,500 00
Mayor:				
Office expenses, etc.....	.....	.....	.....	50,500 00
Bureau of Information.....	.....	.....	.....	7,000 00
Public Celebrations.....	109 70	427 62	.....	42,000 00
Music Department.....	.....	.....	.....	17,600 00
Overseeing of the Poor Department.....	.....	.....	.....	142,686 71
Park Department.....	.....	12,389 86	.....	385,000 00
Police Department.....	.....	5,982 60	.....	2,186,405 74
Public Buildings Department.....	240 00	120 00	.....	200,000 00
Public Grounds Department.....	.....	9,963 65	.....	183,474 90
Public Works Department:				
Central Office.....	.....	100 00	.....	80,000 00
Bridge and Ferry Division.....	.....	3 60	.....	553,767 12
Highway Division.....	.....	51,564 35	.....	3,262,882 03
Sewer and Water Division:				
Sewer Service.....	.....	4,428 85	.....	315,236 10
Water Service.*	.....	.....	.....	.....
Registry Department.....	.....	.....	.....	40,000 00
Reserve Fund.....	.....	492,795 27	.....	500,000 00
Schools:				
School Committee.....	.....	.....	.....	4,272,544 73
Pensions to Teachers.....	.....	.....	.....	67,770 84
Physical Education.....	.....	.....	.....	54,216 67
Schoolhouse Department.....	.....	.....	.....	367,000 00
Sinking Funds Department.....	.....	.....	.....	2,400 00
Soldiers' Relief Department.....	.....	.....	.....	220,000 00
Statistics Department:				
Department Expenses.....	.....	.....	.....	12,000 00
City Record, Publication of.....	9,862 38	8,903 65	.....	1,000 00
<i>Carried forward</i>	\$143,113 78	\$603,529 17	.....	\$22,356,745 52

* See page 32.

Appropriations.—Continued.

Transfers from.	Transfers to.	Total Credits.	Expenditures for 1911-12.	Balances to 1912-13.	Balances remaining in Treasury.
\$44,695 49	\$75,151 26	\$9,066,545 34	\$8,945,164 82	\$105,265 42	\$16,115 10
.....	.....	21,200 00	20,602 33	.....	597 67
.....	1,500 00	28,500 00	28,346 13	.....	153 87
.....	.....	51,000 00	45,494 63	.....	5,505 37
.....	.....	356,222 53	355,869 44	353 09	.....
.....	.....	40,000 00	36,090 96	.....	3,909 04
.....	4 80	11,504 80	11,504 80	.....	.....
.....	2,700 00	53,200 00	50,632 08	.....	2,567 92
.....	.....	7,000 00	6,982 77	.....	17 23
.....	800 00	43,337 32	42,997 73	147 30	192 29
.....	.....	17,600 00	17,599 15	.....	85
.....	5,023 22	147,709 93	147,557 44	.....	152 49
.....	10,000 00	407,389 86	404,974 71	.....	2,415 15
9,445 43	.....	2,182,942 91	2,177,655 59	.....	5,287 32
.....	19,360 56	219,720 56	219,720 56	.....	.....
.....	.....	193,438 55	158,788 08	25,000 00	9,650 47
.....	.....	80,100 00	72,943 26	.....	7,156 74
7,887 28	.....	545,883 44	543,560 09	.....	2,323 35
.....	2,043 37	3,316,489 75	3,316,489 75	.....	.....
.....	5,843 91	325,508 86	325,508 86	.....	.....
.....	.....	40,000 00	37,923 49	.....	2,076 51
926,060 49	.....	66,734 78	65,734 78	.....	1,000 00
27,000 00	.....	4,245,544 73	4,155,950 79	.....	89,593 94
.....	.....	67,770 84	67,770 84	.....	.....
.....	.....	54,216 67	54,216 67	.....	.....
.....	27,000 00	394,000 00	394,000 00	.....	.....
.....	.....	2,400 00	2,228 19	.....	171 81
.....	.....	220,000 00	207,334 78	.....	12,665 22
.....	.....	12,000 00	10,114 58	.....	1,885 42
.....	.....	19,766 03	10,218 14	9,547 89	.....
\$1,015 088 69	\$149,427 12	\$22,237,726 90	\$21,933,975 44	\$140,313 70	\$163,437 76

Regular Department

OBJECT OF APPROPRIATIONS.	Balances from 1910-11.	Revenue received dur- ing 1911-12.	Loans issued in 1911-12.	Appropriations, 1911-12.
<i>Brought forward</i>	\$143,113 78	\$603,529 17	.....	\$22,356,745 52
Street Laying-Out Department.....				124,000 00
Supply Department.....				14,000 00
Treasury Department.....				48,600 00
Weights and Measures Department.....		104 50	.....	24,226 00
Wire Department.....				62,000 00
County of Suffolk:				
County Buildings.....				94,200 00
Jail.....				66,875 00
Supreme Judicial Court.....				41,000 00
Superior Court, Civil Session.....				319,679 00
Superior Court, Criminal Session.....				162,000 00
Probate Court.....				31,590 00
Municipal Court Justices.....				40,100 00
Municipal Court, Civil Session.....				29,900 00
Municipal Court, Criminal Session.....				83,900 00
Municipal Court, Charlestown District.....				12,000 00
East Boston District Court.....				10,320 00
Municipal Court, South Boston District.....				12,700 00
Municipal Court, Dorchester District.....				8,870 00
Municipal Court, Roxbury District.....				23,000 00
Municipal Court, West Roxbury District.....				9,382 00
Municipal Court, Brighton District.....				6,000 00
Boston Juvenile Court.....				11,300 00
Police Court, Chelsea.....				13,300 00
Registry of Deeds.....				56,000 00
Index Commissioners.....				15,000 00
Insanity Cases.....				22,500 00
Land Court.....				2,500 00
Medical Examinations.....				22,000 00
Miscellaneous Expenses.....				11,595 00
County Debt.....				76,875 67
County Interest.....	286 78	.....	.....	140,312 78
Penal Institutions Department:				
House of Correction.....		40 00	.....	205,000 00
Office Expenses.....				21,000 00
	\$143,400 56	\$603,673 67	.....	\$24,178,470 97

Appropriations.—*Concluded.*

Transfers from.	Transfers to.	Total Credits.	Expenditures for 1911-12.	Balances to 1912-13.	Balances remaining in Treasury.
\$1,015,088 69	\$149,427 12	\$22,237,726 90	\$21,933,975 44	\$140,313 70	\$163,437 76
.....	.....	124,000 00	122,434 84	.....	1,565 16
.....	.....	14,000 00	11,499 43	.....	2,500 57
.....	.....	48,600 00	46,900 03	.....	1,699 97
.....	475 77	24,806 27	24,806 27	.....	.....
.....	.....	62,000 00	61,747 45	.....	252 55
636 10	1,650 00	95,213 90	95,213 90	.....	.....
.....	.....	66,875 00	66,794 56	.....	80 44
3,067 96	.....	37,932 04	37,932 04	.....	.....
.....	19,142 35	338,821 35	338,821 35	.....	.....
.....	16,998 95	178,998 95	178,998 95	.....	.....
2,244 14	4,500 00	33,845 86	33,845 86	.....	.....
.....	1,188 75	41,288 75	41,288 75	.....	.....
982 48	.....	28,917 52	28,917 52	.....	.....
8,142 00	.....	75,758 00	75,758 00	.....	.....
.....	.....	12,000 00	11,680 72	.....	319 28
.....	177 34	10,497 34	10,497 34	.....	.....
.....	225 09	12,925 09	12,925 09	.....	.....
889 77	.....	7,980 23	7,980 23	.....	.....
1,466 93	.....	21,533 07	21,533 07	.....	.....
.....	.....	9,382 00	9,309 51	.....	72 49
.....	.....	6,000 00	5,969 27	.....	30 73
.....	382 15	11,682 15	11,682 15	.....	.....
.....	632 13	13,932 13	13,932 13	.....	.....
.....	255 24	56,255 24	56,255 24	.....	.....
2,428 56	.....	12,571 44	12,571 44	.....	.....
1,808 04	.....	20,691 96	20,691 96	.....	.....
894 14	2,500 00	4,105 86	4,105 86	.....	.....
.....	2,500 00	24,500 00	24,437 54	.....	62 46
646 29	2,500 00	13,448 71	12,646 62	295 38	506 71
.....	.....	76,875 67	76,875 67	.....	.....
.....	.....	140,599 56	140,223 83	375 73	.....
.....	500 00	205,540 00	205,020 35	.....	519 65
.....	100 00	21,100 00	21,021 97	.....	78 03
\$1,038,295 10	\$203,154 89	\$24,090,404 99	\$23,778,294 38	\$140,984 81	\$171,125 80

LOAN, REVENUE AND

OBJECT OF APPROPRIATIONS.	Balances from 1910-11.	Revenue received dur- ing 1911-12.	Loans issued in 1911-12.	Appropriations, 1911-12.
Assessing Department:				
Rebinding old records.....	\$4,000 00			
Bath Department:				
Bath House, Charlestown.....	30,000 00			
Bath House, North End.....	3,814 23			
Bath House, Orient Heights.....	5,000 00			
Bathing Establishment, Ward 15.....	50,848 08			
Fort Point Channnel, floating bath house.....				
Freeport Street bathing beach.....				
Gymnasium, East Boston.....	18,645 48			
Gymnasium, Ward Building, Ward 8.....	25,000 00			
Handball court and shower baths, L Street Bath House.....			\$2,500 00	
Locker Building, Tenean Beach.....				
L Street Bath, additions, etc.....	32,191 11			
McKenzie Beach, improvements.....				
North End Pier, buildings, etc.....	5,860 94			
Cemetery Department:				
Dorchester North burial ground.....				
Evergreen Cemetery, development of land.....	1,034 77			
Fairview Cemetery.....		\$11,953 28		
City Loans, Redemption of.....		2,158,352 31		\$223,750 00
Redemption of City debt proper, \$2,221,750				
Redemption of Cochituate Water debt..... 84,000				
Consumptives' Hospital Department:				
Buildings and equipment.....	373 52			
Completion of second ward.....	5,979 86			
Cottage ward for women.....	347 07			
Domestic building.....	88,374 71			
Damages by dogs, etc.....		3,145 37		
Fire Department:				
Fireboat quarters and pier, Northern avenue.....				
Fire Department, repair shop.....	90,000 00		20,000 00	
Carried forward.....	\$361,469 77	\$2,173,450 96	\$22,500 00	\$223,750 00

SPECIAL APPROPRIATIONS.

Transfers from.	Transfers to.	Total Credits.	Expenditures for 1911-12.	Balances to 1912-13.	Balances remaining in Treasury.
.....	.....	\$4,000 00	\$2,583 45	\$1,416 55	
.....	.....	30,000 00	.....	30,000 00	
.....	.....	3,814 23	.....	3,814 23	
.....	.....	5,000 00	.....	5,000 00	
\$50,848 08					
.....	\$6,000 00	6,000 00	.....	6,000 00	
.....	9,000 00	9,000 00	.....	9,000 00	
.....		18,645 48	4,332 91	14,312 57	
.....		25,000 00	594 15	24,405 85	
2,500 00					
.....	1,500 00	1,500 00	1,094 90	405 10	
.....	2,500 00	34,691 11	32,544 92	2,146 19	
.....	2,000 00	2,000 00	.....	2,000 00	
.....	5,000 00	10,860 94	5,346 85	5,514 09	
.....	9,000 00	9,000 00	.....	9,000 00	
.....		1,034 77	298 41	736 36	
.....		11,953 28	.....	11,953 28	
.....		2,382,102 31	2,305,750 00	76,352 31	
.....		373 52	372 82	.....	\$0 70
2,500 00		3,479 86	2,315 02	1,164 84	
.....		347 07	345 65	.....	1 42
.....	2,500 00	90,874 71	76,039 31	14,835 40	
.....		3,145 37	3,145 37		
.....	35,000 00	35,000 00	18 40	34,981 60	
.....		110,000 00	105,868 26	4,131 74	
\$55,848 08	\$72,500 00	\$2,797,822 65	\$2,540,650 42	\$257,170 11	\$2 12

Loan, Revenue and Special

OBJECT OF APPROPRIATIONS.	Balances from 1910-11.	Revenue received dur- ing 1911-12.	Loans issued in 1911-12.	Appropriations, 1911-12.
<i>Brought forward</i>	\$361,469 77	\$2,173,450 96	\$22,500 00	\$223,750 00
Fire Station, Lauriat avenue district.....	2,235 76	.....	.....	.....
Fire station, Oak square and Faneuil section....	14,996 00	.....	.....	.....
House and apparatus, Parker Hill.....	14,972 10	.....	.....	.....
House, land and apparatus, Orient Heights.....	14,969 10	.....	.....	.....
New fireboat.....	18,155 79	.....	.....	.....
New quarters for fireboat crew, Boston side....	14,925 00	.....	3,000 00	.....
Health Department, convenience stations.....	.....	.....	.....	.....
Highways, making of.....	548,694 17	900 00	300,000 00	.....
Street construction..... \$254,885 35	.....	.....	.....	.....
Land damages..... 56,080 57	.....	.....	.....	.....
Hospital Department:				
City Hospital, fireproofing.....	39,997 48	.....	.....	.....
Emergency Hospital, East Boston, equipment..	1,314 43	.....	.....	.....
Fireproofing, engine-room building.....	25,000 00	.....	.....	.....
Hospital ambulances.....	.....	.....	.....	.....
Hospital buildings, improvements.....	6,159 98	.....	.....	.....
Improvement of mortuary.....	.....	.....	.....	15,000 00
Mechanical stokers.....	.....	.....	.....	.....
New electrical machines.....	10,500 00	.....	.....	.....
New wiring.....	8,632 60	.....	.....	.....
Ward building for measles.....	378 72	.....	.....	.....
Boston Infirmary Department:				
Mortuary and receiving room, Long Island.....	86 66	.....	.....	.....
New boat.....	9,402 60	.....	.....	2,500 00
Wharf, Long Island.....	477 02	.....	.....	.....
Children's Institutions Department:				
School building, Parental School.....	385 66	.....	.....	.....
Eastern Avenue Wharf, reconstruction of.....	4,173 86	.....	.....	.....
Library Department:				
Branch Library, Charlestown.....	.....	.....	.....	.....
Branch Library, Charlestown, estate.....	15,000 00	.....	.....	.....
Alterations and completion.....	15,000 00	.....	.....	.....
Branch Library, East Boston.....	.....	.....	.....	.....
Branch Library, North End.....	.....	.....	86,000 00	.....
Library building, Dartmouth street.....	44,640 44	.....	.....	.....
<i>Carried forward</i>	\$1,171,567 14	\$2,174,350 96	\$411,500 00	\$241,250 00

Appropriations.—Continued.

Transfers from.	Transfers to.	Total Credits.	Expenditures for 1911-12.	Balances to 1912-13.	Balances remaining in Treasury.
\$55,848 08	\$72,500 00	\$2,797,822 65	\$2,540,650 42	\$257,170 11	\$2 12
.....	762 07	2,997 83	2,997 83		
.....	10,000 00	24,996 00	27 80	24,968 20	
.....		14,972 10	.....	14,972 10	
.....		14,969 10	.....	14,969 10	
.....		18,155 79	17,921 48	.....	234 31
.....		17,925 00	17,908 76	.....	16 24
.....	50,000 00	50,000 00	.....	50,000 00	
.....	25,000 00	874,594 17	310,965 92	563,628 25	
.....					
.....	43,528 67	83,526 15	71,519 12	12,007 03	
.....		1,314 43	.....	1,314 43	
25,000 00					
.....	9,000 00	9,000 00	.....	9,000 00	
.....		6,159 98	.....	6,159 98	
.....	13,000 00	28,000 00	.....	28,000 00	
.....	11,000 00	11,000 00	.....	11,000 00	
10,500 00					
8,028 67	.....	603 93	603 93		
.....		378 72	.....	378 72	
.....					
.....		86 66	.....	86 66	
.....		11,902 60	11,004 49	898 11	
.....		477 02	20 63	456 39	
.....					
385 66					
.....		4,173 86	4,173 86		
.....					
.....	60,000 00	60,000 00	.....	60,000 00	
15,000 00					
15,000 00					
.....	50,000 00	50,000 00	.....	50,000 00	
.....		86,000 00	39,000 00	47,000 00	
.....		44,640 44	6,000 00	38,640 44	
\$129,762 41	\$344,790 74	\$4,213,696 43	\$3,022,794 24	\$1,190,649 52	\$252 67

Loan, Revenue and Special

OBJECT OF APPROPRIATIONS.	Balances from 1910-11.	Revenue received dur- ing 1911-12.	Loans issued in 1911-12.	Appropriations, 1911-12.
<i>Brought forward</i>	\$1,171,567 14	\$2,174,350 96	\$411,500 00	\$241,250 00
Park Department:				
Public park lands.....	89 75			
Bath House, Dewey Beach.....	2,000 00			
Billings Field, grading.....				1,000 00
Charlesbank, addition to building and shower baths.....	3,930 16			
Charlesbank, improvement.....	18,946 61			
Charlestown Heights and Dewey Beach, im- provements.....				20,000 00
Charlestown Heights, fence.....				
Charlestown Playground, gymnastic apparatus..	261 23			
Charlestown Playground, sanitary.....	99 75			
Columbia road assessments, repayment of.....				
Columbus Avenue Playground, grading and gateways.....				
Commonwealth avenue, trees.....				10,000 00
Commonwealth Park, sanitary, open-air gymna- sium and grading.....	2,090 45			
Copp's Hill Playground, shelter.....				28,500 00
Cottage Street Playground, grading and fencing,				
Dorchester Park, water supply and fountains..				750 00
Fellows Street Playground, sanitary building...				
Fens, improvements.....				
First Street Playground, lockers and gymnastic apparatus.....	811 32			
Forest Hills Playground, locker building.....				
Four spraying machines.....				4,400 00
Franklin Field, grading.....				
Franklin Field, locker building, completion of....	1,892 50			1,000 00
Franklin Field, Tennis Courts.....				
Governor's Island, improvements.....				20,000 00
Jamaica Pond, shelter and boat landing.....				
Locker and Sanitary Building, Strandway Play- ground.....				
Marcella Street Playground, gymnastic appa- ratus and shower baths.....	4,000 78			
Marine Park, pier head, completion of.....	1,667 28			
Marine Park, sanitary accommodations.....				
<i>Carried forward</i>	\$1,207,356 97	\$2,174,350 96	\$411,500 00	\$326,900 00

Appropriations.—Continued.

Transfers from.	Transfers to.	Total Credits.	Expenditures for 1911-12.	Balances to 1912-13.	Balances remaining in Treasury.
\$129,762 41	\$344,790 74	\$4,213,696 43	\$3,022,794 24	\$1,190,649 52	\$252 67
.....	.....	89 75	.....	89 75	.....
.....	24,000 00	26,000 00	.....	26,000 00	.....
.....	.....	1,000 00	.....	1,000 00	.....
.....	.....	3,930 16	2,348 73	1,581 43	.....
.....	1,200 00	20,146 61	20,048 88	97 73	.....
.....	.....	20,000 00	.....	20,000 00	.....
.....	1,200 00	1,200 00	2 90	1,197 10	.....
.....	.....	261 23	.....	261 23	.....
.....	.....	99 75	99 75	.....	.....
.....	8,000 00	8,000 00	.....	8,000 00	.....
.....	2,000 00	2,000 00	930 30	1,069 70	.....
.....	10,000 00	20,000 00	17,951 69	2,048 31	.....
.....	.....	2,090 45	.....	2,090 45	.....
.....	.....	28,500 00	.....	28,500 00	.....
.....	750 00	750 00	.....	750 00	.....
.....	.....	750 00	.....	750 00	.....
.....	5,000 00	5,000 00	.....	5,000 00	.....
.....	17,250 00	17,250 00	8,003 81	9,246 19	.....
.....	.....	811 32	388 33	422 99	.....
.....	15,000 00	15,000 00	350 00	14,650 00	.....
.....	.....	4,400 00	.....	4,400 00	.....
.....	10,000 00	10,000 00	3,757 76	6,242 24	.....
.....	.....	2,892 50	2,892 50	.....	.....
.....	4,000 00	4,000 00	2,204 92	1,795 08	.....
.....	.....	20,000 00	3,270 57	16,729 43	.....
.....	20,000 00	20,000 00	.....	20,000 00	.....
.....	20,000 00	20,000 00	14,575 81	5,424 19	.....
.....	.....	4,000 78	1,237 98	2,762 80	.....
.....	3,000 00	4,667 28	2,567 25	2,100 03	.....
.....	2,000 00	2,000 00	25 00	1,975 00	.....
\$129,762 41	\$488,190 74	\$4,478,536 26	\$3,103,450 42	\$1,374,833 17	\$252 67

Loan, Revenue and Special

OBJECT OF APPROPRIATIONS.	Balances from 1910-11.	Revenue received dur- ing 1911-12.	Loans issued in 1911-12.	Appropriations, 1911-12.
<i>Brought forward</i>	\$1,207,356 97	\$2,174,350 96	\$411,500 00	\$326,900 00
Mystic Playground, sanitary and shelter.....	101 25			
Mystic Playground, sea wall and fence.....				
Neponset Playground, filling and grading.....	3,860 96			
Playground Accommodations, Mattapan District.....				
Playground Accommodations, Ward 2.....				
Playground Accommodations, Ward 19.....				
Playgrounds, improvements.....	11,195 85	550 00		
Playground, Orient Heights.....	19,484 93			
Playground, Parker Hill.....	60,000 00			
Playground, Ward 5.....			80,000 00	
Playground, Ward 7.....	25,000 00			
Playground, Wards 7 and 9.....	16,831 46			
Playgrounds, Ward 13.....	1,816 20			
Playground, Ward 16.....	25,000 00			
Playground, Ward 17.....	363 63			
Playground, Ward 20.....			50,000 00	
Playground, Ward 23.....				
Playground, Ward 25.....				
Prince Street Playground, improvements.....				
Recreation Ground, M, N, East Eighth and East Ninth streets and Columbia road.....	5,000 00			
Rogers Park, planting and grading.....				1,500 00
Roslindale Playground, sanitary.....	612 78			
Savin Hill Park, improvements.....				
Savin Hill Playground, improvements.....				10,000 00
Seating accommodations.....				
Strandway Playground, grading.....				
Wood Island Park, bandstand.....	500 00			
Wood Island Park, flagpole.....	500 00			
Zoological Garden and Aquarium.....	126,091 86			
Printing Department.....	43,315 55	203,722 54		
Public Buildings Department:				
City Hall Annex.....				800,000 00
Curtis Hall, reconstruction of.....	36,054 60		60,000 00	
East Boston courthouse and police station.....	102,000 00			
<i>Carried forward</i>	\$1,685,086 04	\$2,378,623 50	\$601,500 00	\$1,138,400 00

Appropriations.—Continued.

Transfers from.	Transfers to.	Total Credits.	Expenditures for 1911-12.	Balances to 1912-13.	Balances remaining in Treasury.
\$129,762 41	\$488,190 74	\$4,478,536 26	\$3,103,450 42	\$1,374,833 17	\$252 67
.....	.....	101 25	101 25	.....	.....
.....	14,000 00	14,000 00	5 35	13,994 65	.....
.....	.....	3,860 96	3,425 93	435 03	.....
.....	25,000 00	25,000 00	.....	25,000 00	.....
.....	50,000 00	50,000 00	.....	50,000 00	.....
29,100. Balance Due	100,000 00	100,000 00	50 00	99,950 00	.....
.....	.....	11,745 85	8,571 48	3,174 37	.....
.....	.....	19,484 93	9,734 76	9,750 17	.....
60,000 00	.....	.....	.....	.....	.....
.....	.....	80,000 00	.....	80,000 00	.....
.....	16,831 46	41,831 46	.....	41,831 46	.....
16,831 46	.....	.....	.....	.....	.....
.....	4,000 00	5,816 20	2,843 87	2,972 33	.....
.....	.....	25,000 00	21,015 89	3,984 11	.....
.....	1,864 69	2,228 32	2,228 32	.....	.....
.....	.....	50,000 00	.....	50,000 00	.....
.....	25,000 00	25,000 00	.....	25,000 00	.....
.....	15,000 00	15,000 00	.....	15,000 00	.....
.....	3,000 00	3,000 00	3,000 00	.....	.....
.....	.....	5,000 00	.....	5,000 00	.....
.....	.....	1,500 00	778 59	721 41	.....
.....	.....	612 78	100 85	511 93	.....
.....	3,500 00	3,500 00	1,379 52	2,120 48	.....
3,500 00	3,500 00	10,000 00	9 00	9,991 00	.....
.....	3,000 00	3,000 00	186 97	2,813 03	.....
.....	5,000 00	5,000 00	684 05	4,315 95	.....
.....	.....	500 00	.....	500 00	.....
.....	.....	500 00	500 00	.....	.....
.....	88,200 00	214,291 86	91,971 33	122,320 53	.....
.....	.....	247,038 09	171,596 12	75,441 97	.....
.....	.....	800,000 00	1,751 08	798,248 92	.....
.....	.....	96,054 60	88,884 11	7,170 49	.....
.....	.....	102,000 00	235 45	101,764 55	.....
\$210,093 87	\$846,086 89	\$6,439,602 56	\$3,512,504 34	\$2,926,845 55	\$252 67

Loan, Revenue and Special

OBJECT OF APPROPRIATIONS.	Balances from 1910-11.	Revenue received dur- ing 1911-12.	Loans issued in 1911-12.	Appropriations, 1911-12.
<i>Brought forward</i>	\$1,685,086 04	\$2,378,623 50	\$601,500 00	\$1,138,400 00
Municipal Building, South Boston.....			120,000 00	
Municipal Building, Ward 7.....				
New library building, Ward 22.....	11,545 22			
Vine Street Building.....				
Public Grounds Department:				
Boston Common and Public Garden, irrigation system, etc.....	56,615 91			
Convenience stations, etc.....				
Convenience stations, City Square and at or near Park square.....				
Fence, Joseph Warren square, Roxbury.....	1,700 00			
High Fort Observatory.....	3,000 00			
Highland Park, improvements.....				
Independence square, new walks.....	585 31			
Seating accommodations.....				
Street trees.....				20,000 00
Thomas Park, repairing monument.....				
Public Works Department:				
Abolishment of Grade Crossings.....				
Land and Buildings, Sanitary and Street Clean- ing Divisions, Dorchester.....	50,275 85			
Albany Street Bridge.....	166 65	5,634 09		
Broadway Bridge, over Boston & Albany R. R.,	1,119 40			
Broadway Bridge, rebuilding.....	37,889 69			
Cambridge Bridge.....	249,246 07			
Charlestown Bridge, repairs.....	10,693 03			
Chelsea Bridge, north.....	5,000 00			
Chelsea North Temporary Bridge.....			260,000 00	
Chelsea South Temporary Bridge.....	79,535 84			
Congress Street Bridge.....	2,898 01			
Dorchester Avenue Bridge.....	3,500 00			
Dover Street Bridge.....	5,426 70			3,000 00
Footbridge, Dalton street to Boylston street...	9,445 00			
Footbridge, Washington st. to Hyde Park avenue,	131 49			
Massachusetts Avenue Bridge.....	1,384 51			
Meridian Street Bridge.....	124,566 00			
<i>Carried forward</i>	\$2,339,810 72	\$2,384,257 59	\$981,500 00	\$1,161,400 00

Appropriations.—Continued.

Transfers from.	Transfers to.	Total Credits.	Expenditures for 1911-12.	Balances to 1912-13.	Balances remaining in Treasury.
\$210,093 87	\$846,086 89	\$6,439,602 56	\$3,512,504 34	\$2,926,845 55	\$252 67
.....	30,000 00	150,000 00	29,983 82	120,016 18	
.....	90,000 00	90,000 00	.....	90,000 00	
.....	.....	11,545 22	10,840 65	704 57	
.....	3,000 00	3,000 00	.....	3,000 00	
.....					
.....	66,100 00	122,715 91	78,311 49	44,404 42	
.....	25,000 00	25,000 00	.....	25,000 00	
.....					
.....	22,000 00	22,000 00	.....	22,000 00	
.....	.....	1,700 00	1,700 00		
.....	.....	3,000 00	2,101 85	898 15	
.....	3,000 00	3,000 00	.....	3,000 00	
.....	.....	585 31	65 00	520 31	
.....	4,000 00	4,000 00	2 40	3,997 60	
.....	.....	20,000 00	13,236 62	6,763 38	
3,000 00	3,000 00				
.....	2,021 00	2,021 00	20,971 32	(\$18,950.32 to be provided for.)	
.....	.....	50,275 85	.....	50,275 85	
4,320 62	.....	1,480 12	1,480 12		
.....	657 02	1,776 42	1,776 42		
.....	.....	37,889 69	75 00	37,814 69	
.....	.....	249,246 07	5,013 70	244,232 37	
.....	.....	10,693 03	8,755 42	1,937 61	
5,000 00	.....	.....	.....	.....	
.....	.....	260,000 00	2,861 34	257,138 66	
.....	.....	79,535 84	37 50	79,498 34	
.....	.....	2,898 01	.....	2,898 01	
.....	.....	3,500 00	3,500 00		
.....	6,820 62	15,247 32	14,564 19	683 13	
.....	.....	9,445 00	.....	9,445 00	
8 51	.....	122 98	84 02	.....	38 96
1,384 51	.....	.....	.....	.....	
.....	.....	124,566 00	5,658 98	118,907 02	
\$223,807 51	\$1,101,685 53	\$7,744,846 33	\$3,713,524 18	\$4,049,980 84	\$291 63

Loan, Revenue and Special

OBJECT OF APPROPRIATIONS.	Balances from 1910-11.	Revenue received dur- ing 1911-12.	Loans issued in 1911-12.	Appropriations, 1911-12.
<i>Brought forward</i>	\$2,339,810 72	\$2,384,257 59	\$981,500 00	\$1,161,400 00
Mystic Avenue Bridge.....				
Neponset Bridge, rebuilding.....	10,530 52			
Summer Street Bridge.....	8,184 94			
Warren Bridge.....	6,853 04			
West Fourth Street Bridge.....				
Ferryboat "General Sumner," repairing.....	500 00			
Ferry Improvements.....	15 60			
Ferry Landings, repairs.....				52,000 00
New Ferryboat.....	124,460 00			
Street Lighting equipment.....			300,000 00	
Old Colony avenue, construction of.....	31,745 25			
Tunnel under railroad tracks between Boylston and Green streets, Jamaica Plain.....				
Separate systems of drainage.....	245,318 35	38 00	395,000 00	
Sewerage Works.....	106,163 65		250,000 00	
High Pressure Fire Service.....			150,000 00	
Memorial Fountain, Post Office square.....				
Rapid Transit:				
Rapid Transit.....	8,414 82			
Rapid Transit Interest and Sinking Fund.....		725,867 89		
Boston Tunnel and Subway.....	14,929 82	261,232 34		
Boylston Street Subway.....	471,683 00			
Dorchester Tunnel.....		25,456 67	300,000 00	
East Boston Tunnel Extension.....		16,971 11	200,000 00	
Cambridge Connection.....	196,620 34	631 67	450,000 00	
Subway, Park street to South Station.....	3,628 87	532 47		
Subways, Dorchester and South Boston.....	2,149 70	1,665 43		
School Committee:				
High School of Commerce and School Adminis- tration Building.....	41,717 39			
Land and Buildings for Schools.....	1,043,162 90		500,000 00	405,000 00
Sewerage Charges, Repayment of.....	212 78			
Sidewalk Assessments, Repayment of.....	2,049 01			
Street Laying-Out Department:				
Atlantic avenue extension (Chap. 466, Acts 1899), Blandford and Beacon Streets Passageway.....	8,635 08			
<i>Carried forward</i>	\$4,666,785 78	\$3,416,653 17	\$3,526,500 00	\$1,618,400 00

Appropriations.—Continued.

Transfers from.	Transfers to.	Total Credits.	Expenditures for 1911-12.	Balances to 1912-13.	Balances remaining, in Treasury.
\$223,807 51	\$1,101,685 53	\$7,744,846 33	\$3,713,524 18	\$4,049,980 84	\$291 63
.....	6,720 17	6,720 17	6,720 17		
2,000 00	.....	8,530 52	6,542 68	1,987 84	
2,500 00	.....	5,684 94	5,432 47	252 47	
.....	.....	6,853 04	6,101 39	751 65	
.....	7,000 00	7,000 00	6,555 00	.....	445 00
.....	.....	500 00	.....	500 00	
.....	.....	15 60	.....	15 60	
.....	.....	52,000 00	3,888 05	48,111 95	
.....	.....	124,460 00	62,589 31	61,870 69	
.....	.....	300,000 00	264 47	299,735 53	
.....	.....	31,745 25	14,717 34	17,027 91	
.....	20,000 00	20,000 00	.....	20,000 00	
.....	.....	640,356 35	456,638 97	183,717 38	
.....	.....	356,163 65	266,876 98	89,286 67	
.....	.....	150,000 00	6,684 23	143,315 77	
.....	2,000 00	2,000 00	.....	2,000 00	
.....	.....	8,414 82	4,981 88	3,432 94	
.....	.....	725,867 89	725,757 92	109 97	
.....	.....	276,162 16	29,309 04	246,853 12	
.....	.....	471,683 00	37,159 39	434,523 61	
.....	.....	325,456 67	13,644 84	311,811 83	
.....	.....	216,971 11	4,253 26	212,717 85	
.....	.....	647,252 01	565,396 32	81,855 69	
.....	.....	4,161 34	161 34	.....	4,000 00
.....	.....	3,815 13	315 13	.....	3,500 00
.....	.....	41,717 39	17,856 12	23,861 27	
.....	.....	1,948,162 90	1,272,091 87	676,071 03	
.....	.....	212 78	.....	212 78	
.....	.....	2,049 01	181 95	1,867 06	
.....	.....	8,635 08	.....	8,635 08	
.....	2,500 00	2,500 00	.....	2,500 00	
\$228,307 51	\$1,139,905 70	\$14,139,937 14	\$7,227,644 30	\$6,923,006 53	\$8,236 63

Loan, Revenue and Special

OBJECT OF APPROPRIATIONS.	Balances from 1910-11.	Revenue received dur- ing 1911-12.	Loans issued in 1911-12.	Appropriations, 1911-12.
<i>Brought forward</i>	\$4,666,785 78	\$3,416,653 17	\$3,526,500 00	\$1,618,400 00
Geneva avenue, from Bowdoin street to Colum- bia road.....	50,000 00			
Hyde Park avenue, from Ashland street to Hyde Park line.....	13,079 75			
Northern avenue and Sleeper street.....				
Thacher Street Extension.....				1,100 00
Tyler Street Extension.....				700 00
Union Park street.....				
Washington street, West Roxbury (Chap. 574, Acts 1907).....	9,200 00			
Westminster Street Extension.....				1,100 00
Temporary Loan.....			5,600,000 00	
Water Service.....	11,983 69	2,798,089 25		
Current Expenses..... \$822,377 46				
Interest..... 127,280 37				
Refunded Rates..... 2,307 58				
Metropolitan Water Assessment, 1,825,362 87				
County of Suffolk:				
East Boston District Court, Temporary Quarters.....				
Naturalization fees.....	3,862 00			
Penal Institutions Department:				
Deer Island improvements.....				41,700 00
House of Correction:				
Machinery and materials for manufacturing,	34,727 33	35,090 96		
Jail, Furnishings.....				
Registry of Deeds, fireproof bookcases, etc.....	17,400 00			
	\$4,807,038 55	\$6,249,833 38	\$9,126,500 00	\$1,663,000 00
Less to be provided for.....				

Appropriations.— *Concluded.*

Transfers from.	Transfers to.	Total Credits.	Expenditures for 1911-12.	Balances to 1912-13.	Balances remaining in Treasury.
\$228,307 51	\$1,139,905 70	\$14,139,937 14	\$7,227,644 30	\$6,923,006 53	\$8,236 63
.....		50,000 00	.....	50,000 00	
.....		13,079 75	4,604 89	8,474 86	
.....	564 71	564 71	564 71		
.....		1,100 00	.....	1,100 00	
.....		700 00	.....	700 00	
.....	75,000 00	75,000 00	.....	75,000 00	
.....		9,200 00	1,148 90	8,051 10	
.....		1,100 00	.....	1,100 00	
.....		5,600,000 00	5,600,000 00		
.....	31,777 31	2,841,850 25	2,777,328 28	64,521 97	
.....					
.....	2,200 00	2,200 00	.....	2,200 00	
.....		3,862 00	1,000 00	2,862 00	
.....					
.....		41,700 00	6,152 68	35,547 32	
.....					
.....		69,818 29	33,810 28	36,008 01	
.....	1,500 00	1,500 00	.....	1,500 00	
.....		17,400 00	16,828 54	571 46	
\$228,307 51	\$1,250,947 72	\$22,869,012 14	\$15,669,082 58	\$7,210,643 25	\$8,236 63
.....				18,950 32	
				<u>\$7,191,692 93</u>	

TRUST FUNDS, ETC.

	Balances from 1910-11.	Revenue received during 1911-12.
Boston & Eastern Electric Railroad Company Tunnel Fund.....	\$10,097 26	\$255 19
Fitzgerald Firemen's Gold Medal Fund, Income.....	185 75	30 00
John Foster Trust Fund.....	484 29	7 97
Franklin Fund.....	7,574 91	10,149 29
Franklin Union.....	6,473 74	38,428 77
George B. Hyde Bequest.....	2,715 95	80 00
Hospital Department:		
Patrick A. Collins Memorial Library Fund.....	1,193 01	29 95
Wyman Building Fund.....	5 45	.....
Children's Institutions Department:		
Sawyer Marcella Street Home Fund, Income.....	391 05	94 00
Ellen C. Johnson Bequest.....	1,141 62	105 00
Library Department:		
Trust Funds Income.....	23,598 72	16,520 41
Hyde Park Library Building Fund.....	.....	4,891 53
Patrick F. Sullivan Library Fund.....	2,945 42	65 54
George F. Parkman Fund, Income*.....	32,739 77	206,295 39
Phillips Street Fund, Income.....	1,126 56	700 00
Police Charitable Fund, Income.....	1,822 20	7,714 35
Public Grounds Department:		
Tudor Bequest.....	296 84	.....
Randidge Trust Fund, Income.....	1,099 51	2,000 00
School Committee:		
Bowdoin Dorchester School Fund, Income.....	1,364 48	180' 00
Eastburn School Fund, Income.....	2,327 10	435 00
Franklin Medal Fund, Income.....	269 94	35 00
Gibson School Fund, Income.....	4,923 54	3,849 13
Horace Mann School Fund, Income.....	536 94	304 00
Teachers' Waterston Fund, Income.....	358 84	144 00
	\$103,672 89	\$292,314 52

*\$88,200 transferred to Zoological Garden and Aquarium; \$66,100 transferred to Boston Common
 venience Stations, etc.; \$4,000 transferred to Public Grounds Department, Seating Accommodations;
 Improvement.

TRUST FUNDS, ETC.

Transfers from.	Transfers to.	Total Credits.	Expenditures for 1911-12.	Balances to 1912-13.
.....		\$10,352 45	\$94 35	\$10,258 10
.....		215 75	.....	215 75
.....		492 26	.....	492 26
.....		17,724 20	8,092 02	9,632 18
.....		44,902 51	29,504 93	15,397 58
.....		2,795 95	.....	2,795 95
.....		1,222 96	105 35	1,117 61
.....		5 45	.....	5 45
.....		485 05	155 47	329 58
.....		1,246 62	.....	1,246 62
.....		40,119 13	24,154 31	15,964 82
.....		4,891 53	.....	4,891 53
.....		3,010 96	1,070 08	1,940 88
\$187,500 00		51,535 16	341 29	51,193 87
.....		1,826 56	.....	1,826 56
.....		9,536 55	7,639 00	1,897 55
.....		296 84	.....	296 84
.....		3,099 51	1,781 35	1,318 16
.....		1,544 48	1,199 43	345 05
.....		2,762 10	150 00	2,612 10
.....		304 94	29 71	275 2
.....		8,772 67	4,653 34	4,119 33
.....		840 94	176 47	664 47
.....		502 84	.....	502 84
\$187,500 00		\$208,487 41	\$79,147 10	\$129,340 31

and Public Garden, Irrigation System, etc.; \$25,000 transferred to Public Grounds Department, Con-
 \$3,000 transferred to Park Department, Seating Accommodations; \$1,200 transferred to Charlesbank,

REFUNDS, ETC.

OBJECTS.	Balances from 1910-11.	Revenue received during 1911-12.
Duplicates and Overpayments.....	\$30,049 77	\$8,735 78
Highways, Making of, Street Construction Assessments protested....		93 08
Liquor Licenses.....		4,724 45
Refunded License Fees.....		15 00
Refunded Permit Fees.....		2 85
Refunded Sidewalk Assessments.....		5 69
Refunded Sidewalk Permit.....		10 00
Refunded Taxes.....		52,510 28
Residue from Tax Sales, etc.....	8,817 07	
Sewerage Works, Assessments protested.....		12 95
Tax Titles.....	158 02	
	\$39,024 86	\$66,110 08

RECAPITULATION.

	Balances from 1910-11.	Revenue received dur- ing 1911-12.	Loans issued in 1911-12.	Appropriations, 1911-12.
Regular Department Appropriations.....	\$143,400 56	\$603,673 67		\$24,178,470 97
Loan, Revenue and Special Appropriations.....	4,807,038 55	6,249,833 38	\$3,526,500 00	1,663,000 00
Trust Funds, etc.....	103,672 89	292,314 52		
Refunds, etc.....	39,024 86	66,110 08		
	\$5,093,136 86	\$7,211,931 65	\$3,526,500 00	\$25,841,470 97
		Less to be provided for.....		

REFUNDS, ETC.

Transfers from.	Transfers to.	Total Credits.	Expenditures for 1911-12.	Balances to 1912-13.
.....		\$38,785 55	\$4,571 00	\$34,214 55
.....		93 08	93 08	
.....		4,724 45	4,724 45	
.....		15 00	15 00	
.....		2 85	2 85	
.....		5 69	5 69	
.....		10 00	10 00	
.....		52,510 28	52,510 28	
.....		8,817 07	.....	8,817 07
.....		12 95	12 95	
.....		158 02	.....	158 02
.....		\$105,134 94	\$61,945 30	\$43,189 64

RECAPITULATION.

Transfers from.	Transfers to.	Total Credits.	Expenditures for 1911-12.	Balances to 1912-13.	Balances remaining in Treasury.
\$1,038,295 10	\$203,154 89	\$24,090,404 99	\$23,778,294 38	\$140,984 81	\$171,125 80
228,307 51	1,250,947 72	17,269,012 14	10,069,082 58	7,210,643 25	8,236 63
187,500 00	.....	208,487 41	79,147 10	129,340 31	
.....	.....	105,134 94	61,945 30	43,189 64	
\$1,454,102 61	\$1,454,102 61	\$11,673,039 48	\$33,988,469 36	\$7,524,158 01	\$179,362 43
.....	.....	.....	.....	18,950 32	
.....	.....	.....	.....	<u>\$7,505,207 69</u>	

ESTIMATED AND ACTUAL INCOME, INCLUDING TAXES.

1911-1912.

CITY AND COUNTY.

Statement of the *Estimated* Income, including Taxes, of the CITY OF BOSTON and the COUNTY OF SUFFOLK, to meet the general appropriations for the financial year 1911-1912, with an account of the *Actual* Income and Taxes received during the year.

For income credited to appropriations, see page 60.

SOURCES OF REVENUE.	Estimated Income and Taxes.	Gross Income and Taxes.	Amounts Refunded.	Net Actual Income and Taxes.
CITY OF BOSTON.				
Bath Department.....	\$20,000 00	\$24,064 96		\$24,064 96
Building Department.....		89 40		89 40
Cemetery Department....	25,000 00	25,580 92		25,580 92
City Clerk Department....	7,000 00	7,467 41		7,467 41
Collecting Department....	30,000 00	22,990 89		22,990 89
Collecting Bank Tax.....	5,000 00	6,410 16		6,410 16
Conscience Fund.....		41 00		41 00
Consumptives' Hospital Department.....		1,403 59		1,403 59
Election Department.....		1,202 54		1,202 54
Fence viewers.....		80 00		80 00
Fire Department.....	2,500 00	4,739 74		4,739 74
Gypsy and Brown-tail Moth Suppression.....	10,000 00			
Hay Scales.....		202 94		202 94
Health Department.....	7,600 00	14,757 35		14,757 35
Hospital Department.....	120,000 00	111,109 85		111,109 85
Boston Infirmary De- partment.....	4,000 00	6,010 11		6,010 11
Children's Institutions Department.....		1,023 81		1,023 81
Steamer "Monitor".....		48 26		48 26
Interest.....	200,000 00	265,118 30		265,118 30
Law Department.....		6 00		6 00
Library Department.....	5,000 00	7,798 89		7,798 89
Licensing Board.....	20,000 00	21,868 99	\$15 00	21,853 99
Liquor Licenses, city's proportion.....	1,000,000 00	965,196 97	4,724 45	960,472 52
Market Department.....	124,000 00	124,100 87		124,100 87
Mayor.....	17,000 00	18,371 00		18,371 00
Music Department.....		20 00		20 00
Overseeing of the Poor Department.....	17,000 00	17,885 24		17,885 24
Park Department.....	5,000 00	5,491 46		5,491 46
Pedlers.....		2,225 00		2,225 00
Police Department.....	22,000 00	18,805 86		18,805 86
Public Buildings De- partment:				
Armories.....	10,000 00	7,078 00		7,078 00
Miscellaneous.....		11,652 45		11,652 45
Public Grounds Depart- ment.....		646 65		646 65
Public Works Depart- ment.....	206,000 00	196,637 90	8 54	196,629 36
Registry Department.....	9,000 00	10,078 25		10,078 25
Soldiers' Relief Depart- ment.....	111,000 00	109,297 14		109,297 14
Street Laying-Out De- partment.....	20,000 00	26,008 00	10 00	25,998 00
Carried forward.....	\$1,997,100 00	\$2,035,509 90	\$4,757 99	\$2,030,751 91

SOURCES OF REVENUE.	Estimated Income and Taxes.	Gross Income and Taxes.	Amounts Refunded.	Net Actual Income and Taxes.
<i>Brought forward</i>	\$1,997,100 00	\$2,035,509 90	\$4,757 99	\$2,030,751 91
Taxes:				
Outstanding prior to February 1, 1911.....		2,649,723 26	52,510 28	2,597,212 98
1911.....	23,084,861 35	20,598,148 38		20,598,148 38
City Bank Tax.....		228,453 88		228,453 88
Corporation and Bank Taxes re- ceived from Com- monwealth of Massa- chusetts.....	1,450,000 00	1,833,687 04	21,772 87	1,811,914 17
Street Railway Tax.....	400,000 00	460,844 20		460,844 20
Excise Tax, Street Rail- ways (chapter 500, Acts 1897).....		84,155 27		84,155 27
Excise Tax, Street Railways (chapter 578, Acts 1898).....		931 22		931 22
Reimbursement for loss of taxes on land used by Public Institutions, Taxes on land used for water purposes.....		16,016 86		16,016 86
Weights and Measures Department.....	9,000 00	4,920 00		4,920 00
Wire Department.....		9,288 82		9,288 82
Hyde Park.....	29,047 52	3,301 50		3,301 50
		29,216 33		29,216 33
	\$26,970,008 87	\$27,954,196 66	\$79,041 14	\$27,875,155 52
COUNTY OF SUFFOLK.....	190,000 00	199,379 68	1,050 40	198,329 28
	\$27,160,008 87	\$28,153,576 34	\$80,091 54	\$28,073,484 80
Cash in Treasury January 31, 1911.....	1,486,805 83	1,486,805 83		1,486,805 83
Balances of appropriations, 1911-1912, remaining in Treasury.....		89,768 49		89,768 49
	\$28,646,814 70	\$29,730,150 66	\$80,091 54	\$29,650,059 12

Actual Income, including Taxes \$29,650,059 12
 Estimated Income, including Taxes 28,646,814 70

Excess of Actual Income, including Taxes, remaining in the
 Treasury \$1,003,244 42

SCHOOLS.

	Estimated Income.	Gross Income.	Amounts Refunded.	Net Actual Income.
Schools:				
General.....	\$88,286 88	\$93,017 63	\$3,145 37	\$89,872 26
Cash on hand February 1, 1911.....	48,741 74	48,741 74		48,741 74
Balances of appropriations, 1911-1912, ...		89,593 94		89,593 94
	\$137,028 62	\$231,353 31	\$3,145 37	\$228,207 94

Actual Income \$228,207 94
 Estimated Income 137,028 62

Amount remaining (chapter 400, Acts 1898) in Treasury
 for school purposes \$91,179 32

CITY INCOME.

INCLUDING TAXES AND LOANS.

STATEMENT IN DETAIL OF ALL THE INCOME, TAXES AND
LOANS RECEIVED ON ACCOUNT OF THE CITY OF BOSTON
DURING THE FINANCIAL YEAR

1911-1912.

Bath Department.

Use of bathing suits, towels, etc.,	\$23,270 26	
Rent,	650 80	
Commission on weighing machines,	49 36	
Commission on telephone stations,	35 39	
Sale of piano,	25 00	
Sale of lockers,	20 00	
Sale of junk,	14 15	
		\$24,064 96

Boston & Eastern Electric Railroad Company, Tunnel Fund.

Interest on bank deposit,	255 19
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Building Department.

Securing unsafe buildings,	\$73 90	
Gasfitters' licenses,	15 50	
		89 40

Cemetery Department.

Bennington Street Cemetery,	\$95 00	
Central,	26 53	
Dorchester North Burial Ground:		
Fees,	\$459 20	
Interest on Trust Funds,	155 97	
		615 17
Dorchester North Burial Ground Trust Fund:		
Receipts for the perpetual care of lots,	404 00	
Dorchester South Cemetery:		
Fees,	\$161 80	
Interest on Trust Funds,	28 52	
		190 32
Dorchester South Cemetery Trust Fund:		
Receipts for the perpetual care of lots,	510 00	
Evergreen Cemetery:		
Sale of lots and graves,	\$2,062 50	
Fees,	1,488 40	
Interest on Trust Funds,	632 28	
		4,183 18
Carried forward,	\$6,024 20	\$24,409 55

<i>Brought forward,</i>	\$6,024 20	\$24,409 55
Evergreen Cemetery Trust Fund:		
Receipts for the perpetual care of lots,	1,028 00	
Fairview Cemetery:		
From town of Hyde Park,		
miscellaneous income,	\$11,953 28	
Sale of lots and graves,	75 00	
	12,028 28	
Fairview Cemetery Trust Fund, Augusta		
Hall Fund,	170 00	
Granary Burial Ground,	46 65	
King's Chapel Burial Ground,	7 22	
Mount Hope Cemetery:		
Sale of lots and graves,	\$9,488 00	
Fees,	11,598 12	
Interest on Trust Funds,	4,112 30	
	25,198 42	
Mount Hope Cemetery Trust Funds:		
Receipts for the perpetual		
care of lots,	\$4,301 00	
Investment matured,	1,000 00	
	5,301 00	
Phipps Street Burial Ground,	47 50	
Westerly Burial Ground:		
Interest on Trust Funds,	\$175 00	
Fees,	25 00	
	200 00	
Charles E. French Burial Grounds Fund:		
For the care of the Granary, King's		
Chapel, Boston Common and Copp's		
Hill Burial Grounds,	400 00	
		50,451 27

City Clerk Department.

Recording mortgages of personal property,		
etc.,	\$6,307 00	
Licensed minors' badges,	441 75	
In reimbursement for amounts paid for		
notification of hearings on location of		
poles, conduits, etc.,	223 61	
Firearms licenses,	220 00	
Certified copies,	211 55	
Petroleum, explosives and inflammable		
compounds, licenses,	60 50	
Power boat licenses, chapter 125, Acts of		
1910,	2 00	
Money found,	1 00	
		7,467 41

City Council Incidental Expenses.

Sale of "Record of Streets,"	10 00
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Charles River Embankment.

Assessments,	\$172,066 49	
Interest on do.	444 84	
		172,511 33
<i>Carried forward,</i>		
		\$254,849 56

<i>Brought forward,</i>	\$254,849 56
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City Debt.

Amount obtained on certificates issued this year for loans authorized at different times for various objects,	3,526,500 00
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City Debt, Redemption of.

From Board of Commissioners of Sinking Funds, to pay debt,	\$2,076,000 00	
Income from Boston Tunnel and Subway, to pay serial debt,	6,000 00	
		2,082,000 00

City Documents.

Sale of Revised Ordinances,	28 00
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Collecting Department.

Fees on overdue taxes and assessments,	\$19,466 89	
Certificates,	3,168 00	
Redemption of deeds,	356 00	
		22,990 89

Collecting Bank Tax.

Received from Commonwealth of Massachusetts for expenses of collecting bank tax:	
Tax of 1911,	6,410 16

Conscience Fund,

41 00

Consumptives' Hospital Department.

Board of patients,	\$1,242 08	
Sale of junk, etc.,	159 51	
Birth returns,	2 00	
Sale of medicine,	277 05	
		1,680 64

Debt Due, Outstanding.

Amount drawn for but not paid,	16,000 00
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Duplicates and Overpayments.

On taxes, etc.,	8,735 78
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Election Department.

Sale of voting booths,	\$1,129 89	
Sale of waste paper,	66 89	
Refund of payment for gas,	5 76	
		1,202 54

Fence Viewers.

Fees,	80 00
<i>Carried forward,</i>	\$5,920,518 57

Brought forward,

\$5,920,518 57

Fire Department.

Heating Dover Street Bath House,	\$3,455 91	
Sale of old Fireboat, No. 31,	2,555 00	
Sale of old material,	2,048 02	
Sale of three old bells,	1,803 42	
Sale of badges,	329 00	
License to sell fireworks and powder,	243 25	
Sale of manure,	227 00	
Contribution for damages to fire alarm boxes,	138 47	
Insurance on contents of repair shop,	50 00	
Rent,	32 00	
Sale of uniform cloth,	22 75	
Labor, fire alarm employees,	10 50	
Sale of old book,	2 50	
		10,917 82

Fitzgerald Firemen's Gold Medal Fund.

Income,	30 00
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John Foster Trust Fund.

Interest on bank deposit,	7 97
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Franklin Fund.

Interest on investments,	\$770 00	
Interest on bank deposit,	103 71	
Sale of investments,	\$9,261 00	
Accrued interest,	14 58	
		9,275 58
		10,149 29

Franklin Union.

Interest on investments, Andrew Carnegie Donation,	\$22,420 00	
Tuition, rents, etc.,	15,695 73	
Interest on bank deposit,	313 04	
		38,428 77

Hay Scales.

Fees received from:	
North scales,	202 94

Health Department.

Milkmen's licenses,	\$2,438 55	
Manicure and massage licenses,	707 00	
Contagious cases,	108 00	
Rendering licenses,	90 00	
Sale of harness and vehicle,	15 00	
Sale of nurses' coats,	15 00	
Interest on bank deposit,	7 76	
Manure licenses,	4 00	
		\$3,385 31
Carried forward,	\$3,385 31	\$5,980,255 36

<i>Brought forward,</i>		\$3,385 31	\$5,980,255 36
QUARANTINE.			
For the regular quarantine fees of Port Physician, boarding and inspecting vessels from foreign ports, etc.,	\$3,645 00		
Disinfecting,	1,406 00		
Medical treatment,	6,215 75		
		11,266 75	
CONVENIENCE STATIONS.			
Use of towels, soap, etc.,		105 29	
			14,757 35

Highways, Making of.

Sewer assessments, chapter 402, Acts of 1892,	\$1,655 19		
Interest on do.,	1,044 55		
		\$2,699 74	
Street construction, chapter 323, Acts of 1891, and amendments, and chapter 393 of 1906:			
Assessments,	\$100,164 57		
Interest on do.,	19,968 32		
		120,132 89	
Sidewalk assessments,	\$36 38		
Interest on do.,	18 18		
		54 56	
Sale of Old Winthrop School building,		900 00	
			123,787 19

Blue Hill and other Avenues.

COLUMBUS AVENUE.			
Construction assessments,	\$3,495 39		
Interest on do.,	1,598 75		
		\$5,094 14	
HUNTINGTON AVENUE.			
Construction assessments,	\$3,524 15		
Interest on do.,	1,401 02		
		4,925 17	
			10,019 31

Hospital Department.

From Superintendent, for board and care of patients, Commonwealth of Massachusetts and cities and towns, contagious diseases,	\$76,132 76		
Sale of old material,	34,783 82		
Interest on bank deposits,	116 35		
Commission on telephones,	49 04		
Fees for birth returns,	20 88		
Interest on trust funds,	7 00		
Gifts from Margaret Cunningham and Jessie Wilcox,	1,964 00		
Charity award,	14 00		
Martha Howard Thurston Carter Fund, Income,	15 00		
	80 00		
<i>Carried forward,</i>	\$113,182 85		\$6,128,819 21

<i>Brought forward,</i>	\$113,182 85	\$6,128,819 21
Patrick A. Collins Memorial Library Fund:		
Interest on bank deposit,	29 95	
		\$113,212 80
Rent, estate Massachusetts avenue and Northampton street,	3,057 13	
		116,269 93

George B. Hyde Bequest.

Interest,	80 00
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Institutions.

(See County of Suffolk Income, for House of Correction.)

Boston Infirmary Department.

Boston Almshouse and Hospital:		
Board, etc.,	\$5,475 73	
Sale of junk,	47 84	
Birth returns,	10 00	
		\$5,533 57
Almshouse, Charlestown:		
Board of inmates,	\$220 86	
Sale of barrels, etc.,	5 68	
		226 54
Sale of steamer "John Howard,"	250 00	
		6,010 11

Children's Institutions Department.

Placing-Out and Office Division:		
Board of children,		\$977 78
Parental School:		
Laundry work,	\$1,973 45	
Board of inmates;	18 00	
		1,991 45
Suffolk School for Boys:		
Sale of shoes,	\$2,454 00	
Printing,	513 00	
Teaming for U. S. Government,	28 03	
		2,995 03
Sawyer Marcella Street Home Fund, Income,	94 00	
		6,058 26

Steamer "Monitor."

Sale of drinking cups,	\$31 36	
Sale of junk,	16 90	
		48 26

Interest.

Received as follows:		
On bank deposits,	\$107,155 73	
On overdue taxes,	152,817 48	
On paving assessments,	380 72	
On sewer assessments,	336 35	
On miscellaneous assessments,	3,984 91	
<i>Carried forward,</i>	\$264,675 19	\$6,257,285 77

<i>Brought forward,</i>	\$264,675 19	\$6,257,285 77
On Hyde Park taxes and sewer assessments,	443 11	
		\$265,118 30
Accrued on loans negotiated: Dorchester Tunnel loan,	\$766 67	
East Boston Tunnel Extension loan,	511 11	
		1,277 78
		266,396 08

Interest Tailings.

Amount drawn for but not collected,	1,185 00
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Ellen C. Johnson Bequest.

Interest on investments,	105 00
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Law Department.

Sale of Consolidated Statutes,	6 00
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Library Department.

Fines,	\$5,133 23	
Accrued interest on bank deposits,	2,263 77	
Lost books,	393 32	
Gift of Andrew Carnegie for purchase of books,	80 75	
Commission on telephone station,	190 23	
Sale of waste paper,	148 63	
Sales of catalogues,	60 71	
Money found,	2 32	
		\$8,272 96
Hyde Park Library Building Fund,	4,891 53	
Trust Funds Income,	16,585 95	
		29,750 44

Licensing Board.

Licenses:		
Common victuallers,	\$7,420 00	
Sale of fruit, etc., on Lord's Day,	5,010 00	
Intelligence offices,	3,925 00	
Billiard saloons, etc.,	2,914 00	
Bowling alleys,	1,030 00	
Innholders,	100 00	
Fees for recording, and charges on, licenses,	\$1,430 00	
Interest,	39 99	
		1,469 99
		21,868 99

Liquor Licenses.

For licenses issued for 1911-1912,	1,285,354 48
<i>Carried forward,</i>	
	\$7,861,951 76

Brought forward,

\$7,861,951 76

Market Department.

MARKET HOUSES, RENTS.

<i>Faneuil Hall</i> , Stalls,	\$61,380 00		
Cellars, etc.,	34,740 00		
		\$96,120 00	
Outside stands,		1,356 00	
<i>New Faneuil Hall</i> , Stalls,	\$17,104 00		
Cellars,	9,328 00		
		26,432 00	
		\$123,908 00	
Weighing fees,		192 87	
			124,100 87

Mayor.

Amusement licenses, \$18,371 00

PUBLIC CELEBRATIONS.

Income from Foss Funds,	\$160 00		
Income from Babcock Music Fund,	125 62		
		\$285 62	
Sale of lumber in reviewing stand, etc.,	142 00		
		427 62	
			18,798 62

Music Department.

Use of bandstands, 20 00

Old Claims.

Amounts drawn for but not paid, 5,450 99

Overseeing of the Poor Department.

From the Overseers of the Poor for collections by them from other cities and towns, for support of poor belonging to such cities and towns,	\$6,261 91		
Commonwealth of Massachusetts and sundry parties, for relief of sick and for burials and support of poor,	9,237 96		
Occupants of Charity Building,	1,191 62		
Temporary Home,	696 10		
Interest on bank deposits,	123 65		
Aid refunded,	268 70		
Sale of barrels, etc.,	109 30		
			17,889 24

Park Department.

Rents,	\$3,829 23		
Use of towels and soap,	879 06		
Sale of sheep,	401 54		
<i>Carried forward,</i>	\$5,109 83		\$8,028,211 48

<i>Brought forward,</i>	\$5,109 83	\$8,028,211 48
Sale of junk,	144 47	
Sale of wood and grass,	14 00	
Sale of wool,	196 16	
Sale of shrubs,	27 00	
Labor, repairs, spraying trees, oiling roads, etc.,	2,973 20	
From School Committee, work on playgrounds,	9,273 69	
Labor on shrubs,	81 05	
Refund of amount paid for automobile licenses,	42 00	
Gypsy moth work,	19 92	
		\$17,881 32

PLAYGROUND IMPROVEMENTS.

Columbus Avenue Playground: From New York, New Haven & Hartford Railroad Company for one-half cost of concrete fence,	. 550 00	18,431 32

George F. Parkman Fund.

Bequest of George F. Parkman:		
Principal, on account,	\$1,646,166 81	
Income unappropriated December 31, 1911, added to principal,	341 29	
Income,	206,295 39	
Investments matured,	50,750 00	
		1,903,553 49

Pay Roll Tailings.

Amounts drawn to pay employees, and the parties not appearing, or the money being held by trustee process, returned to the treasury,	. 13,119 56
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Pedlers' Licenses.

For the licenses issued by the state,	2,225 00
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Phillips Street Fund, Income.

Interest,	700 00
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Police Department.

Licenses:		
Wagons,	\$5,202 00	
Pawnbrokers,	3,700 00	
Junk dealers,	2,296 00	
Dealers in second-hand goods,	2,060 00	
Carriages,	1,629 00	
Drivers of hackney carriages,	761 50	
Street railway employees,	705 50	
Auctioneers,	368 25	
Small loans,	350 00	
Private detectives,	200 00	
Itinerant musicians,	123 30	
Handcarts,	84 00	
Sale of property,	688 71	
Maps,	148 00	
<i>Carried forward,</i>	\$18,316 26	\$9,966,240 85

<i>Brought forward,</i>	\$18,316 26	\$9,966,240 85
Badges,	147 00	
Commission on telephone station,	18 61	
Sale of old paper,	8 40	
Uniform cloth,	5 09	
Carting prisoners for Metropolitan Park Police,	\$309 75	
Feeding prisoners for Metropolitan Park Police,	75	
	310 50	
Police services,	5,982 60	
		24,788 46

Police Charitable Fund, Income.

Interest,	\$7,714 35	
Investment matured,	5,000 00	
		12,714 35

Premium on Loans.

Received on loans negotiated.

Various Municipal Purposes, Serial Loan, 4 per cent, 1 to 30 years, \$2,481,000, at 102.571,	\$63,786 51	
Rapid Transit, Dorchester Tunnel, 4 per cent, 45 years, \$300,000, at 108.23,	24,690 00	
East Boston Tunnel Extension, 4 per cent, 45 years, \$200,000, at 108.23,	16,460 00	
Cambridge Connection, 4 per cent, 45 years, \$404,000, at 102.571,	10,386 84	
	\$115,323 35	
From town of Hyde Park,	12,565 80	
		127,889 15

Printing Department.

Printing,	\$182,595 98	
Sales of postage stamps,	20,924 63	
Sale of waste paper, dross, etc.,	201 93	
		203,722 54

Public Buildings Department.

Rents:

R o t u n d a,	
Quincy Hall,	\$5,000 00
P r o d u c e E x -	
change,	1,962 00
Faneuil Hall,	900 00
R o o m s, T r e -	
mont Build-	
ing,	1,264 32
Wardrooms,	563 00
Repair S h o p	
and annex,	780 00
Rooms, Quincy	
Hall,	508 00
Old Franklin	
Schoolhouse,	50 00

Carried forw'd, \$11,027 32

\$10,335,355 35

<i>Brought forw'd,</i>	\$11,027 32	\$10,335,355 35
Old State House,	150 00	
Stand, Old Court House,	60 00	
Thomas Street Schoolhouse,	1 00	
Old Town Hall, Brighton,	1 00	
Smith Street Schoolhouse,	1 00	
	\$11,240 32	
Sale of furniture, etc.,	273 00	
Sale of waste paper, junk, etc.,	47 86	
Commission on telephone stations,	91 27	
Old State House Repair Fund, Income,	120 00	
		\$11,772 45
ARMORIES.		
Received from the Commonwealth on account of rent of armories for volunteer militia,		
		7,078 00
		18,850 45

Public Grounds Department.

Suppression of Gypsy and Brown-tail Moths, chapter 381, Acts of 1905, and chapter 268, Acts of 1906,	\$9,562 31	
Removing and trimming trees,	269 48	
Sale of two horses,	198 07	
Gypsy moth work for other departments,	63 23	
Sale of hose, junk, etc.,	61 21	
Damages,	6 00	
Boston Common Tree Fund, Income,	200 00	
Sale of old spraying machine,	250 00	
		18,610 30

Public Works Department.

CENTRAL OFFICE.		
Refund of amount drawn to pay traveling expenses,	\$100 00	
Refund of telephone tolls,	7 12	
		\$107 12
BRIDGE AND FERRY DIVISION.		
BRIDGE SERVICE.		
Sale of old iron,	\$45 00	
ALBANY STREET BRIDGE.		
From Boston & Albany Railroad, one-half cost of repairing bridge,	5,634 09	
	\$5,679 09	
<i>Carried forward,</i>	\$5,679 09	\$107 12 \$10,364,816 10

<i>Brought forward,</i>	\$5,679 09	\$107 12	\$10,364,816 10
FERRY SERVICE.			
Tolls,	\$102,665 04		
Headhouse privileges,	800 00		
Rent,	514 00		
Commissions on telephone stations,	63 79		
Sale of old material,	40 37		
Labor,	3 60		
Damages,	1 30		
Free use of ferries July 4th,	1 00		
		104,089 10	
			109,768 19
HIGHWAY DIVISION.			
LIGHTING SERVICE.			
Rents,	\$1,200 00		
PAVING SERVICE.			
Inspectors' services,	\$3,275 00		
Labor and materials furnished, etc.,	6,785 05		
Removing snow, cemetery sidewalks,	500 00		
Use of steam roller,	9 25		
From assessments on abutters for cost of laying sidewalks in front of their premises, including material for the same,	12,833 92		
Stone from ledge at Chestnut Hill and fuel furnished,	4,425 18		
Sale of old material,	86 00		
Rent of crusher,	375 00		
Sale of horses,	328 23		
Repairs, Milton Bridge,	366 66		
Permits,	30,151 65		
Hyde Park sidewalk assessments,	36 25		
Care of horses, etc.,	1,322 76		
		60,494 95	
<i>Carried forward,</i>	\$61,694 95	\$109,875 31	\$10,364,816 10

<i>Brought forward,</i>	\$61,694 95	\$109,875 31	\$10,364,816 10
SANITARY SERVICE.			
Removing ashes made by steam engine fires,	\$15,591 12		
Dumping s c o w privileges,	8,452 25		
Fort Hill Wharf, rent,	1,015 00		
Hecht's Wharf, rent,	135 00		
Sale of old ma- terial,	231 70		
Sale of manure,	584 30		
For collection of c o m m e r c i a l waste,	35,072 24		
Sale of horses,	538 65		
Labor and ma- terials f u r - nished,	4,233 39		
Hyde Park, sale of garbage,	83 79		
		65,937 44	
STREET CLEANING AND OIL- ING SERVICE.			
Sale of horses,	\$451 25		
Rent,	300 00		
		751 25	
			128,383 64
SEWER AND WATER DIVISION.			
SEWER SERVICE.			
Pumping sewage, a m o u n t r e - ceived f r o m C o m m o n - wealth,	\$7,700 00		
Entrance fees,	6,442 51		
Inspectors' serv- ices,	2,146 90		
Labor and ma- terials f u r - nished, e t c . ,	2,012 61		
Sale of old ma- terial,	680 50		
From assessments on sundry per- sons for their proportion of the c o s t o f sewers built by the city,	566 35		
Horse board, e t c . ,	263 60		
Sale of horses,	243 67		
Sale of vehicles, e t c . ,	158 00		
Rent,	10 00		
Damages,	5 74		
		\$20,229 88	
<i>Carried forward,</i>	\$20,229 88	\$238,258 95	\$10,364,816 10

<i>Brought forward,</i>	\$20,229 88	\$238,258 95	\$10,364,816 10
Assessments under chapter 450, Acts of 1899,	\$75,984 23		
Interest on do.,	20,158 66		
		96,142 89	
SEWER, COMMONWEALTH AVENUE.			
Assessment,	\$31 00		
Interest on do.,	27 50		
		58 50	
SEWER BETWEEN ROSLINDALE AND WEST ROXBURY.			
Assessments,	\$134 83		
Interest on do.,	111 35		
		246 18	
SEPARATE SYSTEMS OF DRAINAGE.			
Assessments,	\$14,031 70		
Interest on do.,	61 97		
Liability on bond,	38 00		
		14,131 67	
Hyde Park sewer assessment,		98 00	
			\$130,907 12
WATER SERVICE.			
Water rates due:			
For the year 1911 and prior,	\$2,623,386 83		
For the year 1912,	106,136 43		
Hyde Park,	875 11		
		\$2,730,398 37	
Service pipes, for new water takers, extending, repairing, etc.,	39,683 03		
Labor, etc.,	11,306 32		
Elevator and stand pipe connections,	5,067 06		
Fees on overdue rates,	3,842 16		
Sale of materials,	2,817 13		
Shutting off and letting on water,	2,535 20		
Use of West Roxbury pumping plant,	764 65		
Interest on deposits,	249 25		
<i>Carried forward,</i>	\$2,796,663 17	\$130,907 12	\$238,258 95 \$10,364,816 10

Brought for'd,	\$2,796,663 17	\$130,907 12	\$238,258 95	\$10,364,816 10
Sale of auto-mobile,	125 00			
Difference on cost of service pipes,	603 00			
Sale of safe,	50 00			
Refunded telephone tolls,	64			
From town of Hyde Park,	647 44			
		2,798,089 25	2,928,996 37	
				3,167,255 32

Abolishment of Grade Crossings.

On account of expense of abolishment of grade crossings.

EAST BOSTON.

Commonwealth of Massachusetts,	\$433 90	
Boston & Albany Railroad,	408 90	
		\$842 80

FREEPORT, WALNUT AND OTHER STREETS.

Commonwealth of Massachusetts,	\$2,382 31	
N. Y., N. H. & H. R. R.,	4,424 30	
		6,806 61
		7,649 41

Randidge Trust Fund, Income.

Interest,		2,000 00
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Rapid Transit.

SUBWAY.

Rental,	\$199,920 01	
Alterations, rental,	11,830 36	
		\$211,750 37

EAST BOSTON TUNNEL.

Tolls collected,	\$142,964 66	
Less expense of collecting,	19,860 16	
		\$123,104 50
Rental,	58,013 02	
		181,117 52

BOSTON TUNNEL AND SUBWAY.

Rental,	\$333,000 00	
Final payment on building, Washington and Summer streets,	261,000 00	
Rents of buildings,	42,420 25	
In lieu of taxes on estate, Washington and Summer streets,	7,937 60	

Carried forward,	\$644,357 85	\$392,867 89	\$13,541,720 83
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<i>Brought forward,</i>	\$644,357 85	\$392,867 89	\$13,541,720 83
Rebate on insurance, estate Washington and Summer streets,	232 34		
Insurance premium refunded,	15 16		
		644,605 35	

CAMBRIDGE CONNECTION.

From Boston Elevated Rail- way Company for mate- rials, etc., on account of temporary tracks at Back Bay Fens,	\$559 88		
From Commonwealth for telephone rental,	29 43		
From Commonwealth for supplies furnished,	23 09		
Cement bags,	19 27		
		631 67	

SUBWAYS, DORCHESTER AND SOUTH BOSTON.

Amount expended under authority of chapter 97, Resolves of 1910, and by assent of Boston Elevated Railway Com- pany to be included in cost of Dorchester Tunnel,		1,665 43	
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SUBWAY, PARK STREET TO SOUTH STATION.

Amount expended under authority of chapter 94, Resolves of 1910, and by section 3 of chapter 741, Acts of 1911, to be included in cost of Dorchester Tunnel,	532 47		
		1,040,302 81	

Registry Department.

Marriage licenses,	\$9,183 00		
Fees for copies of records of births, deaths and marriages,	895 25		
		10,078 25	

Reserve Fund.

Costs, etc., from Law Department,		774 85	
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Sale of City Property.

Almshouse, Charlestown, estate, (Order of City Council, October 11, 1911.)	\$72,000 00		
Land, Massachusetts and Norfolk avenues, (Order of City Council, June 21, 1911.)	2,000 00		
Land, Sumner street, Everett, (Order of City Council, February 1, 1911.)	1,000 00		
		75,000 00	

Schools and Schoolhouses.

SCHOOL EXPENSES, SCHOOL COMMITTEE.

Traveling expenses, deaf pupils,	\$2,330 49		
Use of baths in schoolhouses,	1,019 62		
<i>Carried forward,</i>	\$3,350 11	\$14,667,876 74	

<i>Brought forward,</i>	\$3,350 11	\$14,667,876 74
Sales of badges, licensed minors,	461 00	
Sales of books and supplies,	741 92	
Rent of school halls,	839 64	
Girls' Trade School, sale of materials,	9,655 57	
Evening Trade School, sale of materials,	31 85	
Refund vocational guidance expenses,	5 35	
Refunds, traveling expenses, etc.,	60	
		\$15,086 04
SCHOOL INSTRUCTORS.		
Dog licenses,	\$26,596 00	
Dog licenses from Hyde Park,	616 38	
Instruction of deaf pupils,	21,322 50	
Tuition of nonresident pupils,	9,461 97	
Income from Smith Fund,	324 00	
Income from Stoughton School Fund,	212 00	
Refund of overpayments,	663 02	
Unlicensed dog fine,	5 00	
From Commonwealth on account of Independent Industrial Schools,	17,833 97	
		77,034 84
SCHOOLHOUSE DEPARTMENT.		
Sale of furniture,	\$371 75	
Forfeiture on bid,	300 00	
Sale of horse, buggy, blankets, etc.,	225 00	
		896 75
LAND AND BUILDINGS FOR SCHOOLS.		
Sale of buildings, Paris street, East Boston (Lyman District),	\$1,263 75	
Sale of buildings, addition to Roxbury High School site,	150 00	
Rents of buildings:		
9 Warrenton street,	\$95 00	
87 Hudson street,	17 00	
		112 00
		1,525 75
BOWDOIN DORCHESTER SCHOOL FUND.		
Income,		180 00
EASTBURN SCHOOL FUND.		
Income,		435 00
FRANKLIN MEDAL FUND.		
Income,		35 00
<i>Carried forward,</i>		\$95,193 38 \$14,667,876 74

<i>Brought forward,</i>		\$95,193 38	\$14,667,876 74
GIBSON SCHOOL FUND. *			
Income,	\$2,624 13		
Rent,	1,225 00		
Sale of two lots of land, Gibson street, Dorchester,	4,300 00		
		8,149 13	
HORACE MANN SCHOOL FUND.			
Income,		304 00	
SHERWIN SCHOOL GRADUATES FUND,		32 00	
TEACHERS' WATERSTON FUND.			
Income,	144 00		
			103,822 51

Sidewalk Assessments Tailings.

Amounts drawn for but not paid,	73 50
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Soldiers' Relief Department.

From the Commonwealth in reimbursement, in part, of the amount the city has paid to volunteers and their families or other dependents of volunteers in the army and navy, chapter 468, sections 3 and 9, Acts of 1909,

State aid,	\$96,340 00	
Military aid,	7,187 14	
		\$103,527 14

In reimbursement for payment for burial of indigent soldiers, sailors and marines, and wives, widows and mothers, chapter 381, sections 17 and 18, Acts of 1904,

	\$5,735 00	
Refund of amount paid for burial,	35 00	
		5,770 00

109,297 14

State Bank Tax.

Tax of 1911, collected by the city,	634,606 56
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Statistics Department.

City Record, Publication of:

Advertising,	\$7,933 50	
Subscriptions and sales,	970 15	
		8,903 65

Street Laying-Out Department.

Licenses for storage and sale of merchandise in public streets,

	\$23,746 00	
Rentals,	2,055 00	
		\$25,801 00

Licenses to sell explosive compounds,

207 00	
	\$26,008 00

Carried forward,

\$26,008 00 \$15,524,580 10

<i>Brought forward,</i>		\$26,008 00	\$15,524,580 10
BELGRADE AVENUE.			
Betterments,	\$1,561 48		
Interest on do.,	273 28		
		1,834 76	
DORCHESTER STREET.			
Betterments,	\$491 68		
Interest on do.,	117 74		
		609 42	
HYDE PARK AVENUE.			
Betterments,	\$4,927 26		
Interest on do.,	956 85		
		5,884 11	
RUTHERFORD AVENUE.			
Betterments,	\$33 09		
Interest on do.,	18 39		
		51 48	
HYDE PARK STREET ASSESSMENTS,		248 00	
PUBLIC LANDS.			
Release of land on Austin street, Milton, (Order of City Council April 25, 1911.)		5 00	
			34,640 77

Taxes.

Taxes of 1911,	\$20,598,120 50	
Taxes of 1910 and prior,	2,649,723 26	
From Commonwealth, for city's proportion of tax on corporations,	1,818,599 53	
From Commonwealth, for city's proportion of tax on banks out of city,	15,087 51	
Street railway tax,	460,844 20	
Bank tax, 1911,	228,453 88	
Excise tax, street railways:		
Chapter 500, Acts of 1897,	\$81,059 11	
Chapter 578, Acts of 1898,	4,027 38	
		85,086 49
Taxes on land used for purpose of water supply,	4,947 88	
From Commonwealth, in reimbursement for loss of taxes on land used for Public Institutions,	16,016 86	
Hyde Park:		
Taxes of 1911,	\$27,737 50	
Taxes of 1910 and prior,	1,008 79	
		28,746 29
		\$25,905,626 40
From estate of Quincy A. Shaw, taxes of 1908 and 1909 not assessed,	492,020 42	
		26,397,646 82

Temporary Loan.

Received from temporary loan, authorized by order of the City Council, approved April 13, 1911,	5,600,000 00
<i>Carried forward,</i>	\$47,556,867 69

WIRE DEPARTMENT.

59

Brought forward, \$47,556,867 69

Weights and Measures Department.

Fees for sealing scales,	\$9,288 82	
Sale of horse,	104 50	
		9,393 32

Wire Department.

Fees,	3,301 50
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Total receipts on city account 1911-12,		\$47,569,562 51
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CITY INCOME, 1911-1912, WHERE CREDITED.

	General Income.	Department Appro- priations.	Special Appro- priations.	Trust Funds, Principal.	* Income on Trust Funds.	Sinking Fund Revenue.	Miscellaneous Accounts.	Total.
Bath Department.....	\$24,064 96							\$24,064 96
Boston & Eastern Electric Railroad Com- pany Tunnel Fund.....					\$255 19			255 19
Building Department.....	89 40							89 40
Cemetery Department.....	25,580 92	\$5,504 07	\$11,933 28	\$6,413 00			\$1,000 00	50,451 27
Charles River Embankment.....			172,511 33					172,511 33
City Clerk Department.....	7,467 41							7,467 41
City Council, Incidental Expenses.....		10 00						10 00
City Debt, bonds issued.....								
City Debt, Redemption of.....			3,526,500 00					3,526,500 00
City Documents.....							2,082,000 00	2,082,000 00
Collecting Department.....	22,990 80							22,990 80
Collecting Bank Tax.....	6,410 16		28 00					6,410 16
Conscience Fund.....	41 00							41 00
Consumptives' Hospital Department.....	1,403 93	277 05						1,680 64
Debt Due, Outstanding.....							16,000 00	16,000 00
Duplicates and Overpayments.....							8,735 78	8,735 78
Election Department.....	1,202 54							1,202 54
Fence Viewers.....	80 00							80 00
Fire Department.....	4,739 74	3,623 08				\$2,555 00		10,917 82
Fitzgerald Firemen's Gold Medal Fund, Income.....					30 00			30 00
John Foster Trust Fund.....					7 97			7 97
Franklin Fund.....					888 29			10,149 29
Franklin Union.....					38,428 77		9,261 00	38,428 77
Hay Scales.....	202 94							202 94
Health Department.....	14,757 35							14,757 35
Highways, Making of.....						123,694 11		123,694 11
Blue Hill and Other Avenues.....						10,019 31		10,019 31
Hospital Department.....	111,109 85	1,993 00			109 95	3,057 13		116,269 93
George B. Hyde Bequest.....					80 00			80 00
Boston Infirmary Department.....	6,010 11							6,010 11
Children's Institutions Department.....	1,023 81	4,940 45			94 00			6,058 26
Steamer "Monitor".....	48 26							48 26
Interest.....	265,118 30		1,277 78				1,185 00	266,396 08
Interest Tailings.....					105 00			105 00
Ellen C. Johnson Bequest.....								
Law Department.....	6 00							6 00
Library Department.....	7,798 89	474 07	4,891 53		16,585 95			29,750 44
Licensing Board.....	21,853 99						15 00	21,868 99
Liquor Licenses.....	960,472 52						324,881 96	1,285,354 48

CITY PAYMENTS.

Statement in detail of the expenditures incurred by the several departments, boards and committees of the City Council for which drafts have been made; also payments of debt, interest on debt and payments to Commonwealth of tax and assessments, and one-quarter of liquor license revenue.

The year commencing with the first day of February, 1911, and ending with the last day of January, 1912.

Art Department.

Clerk hire,	\$400 00	
Cleaning and restoring paintings at Faneuil Hall,	656 60	
Exhibit at International Municipal Congress and Exposition, Chicago,	206 77	
Descriptive list of public monuments belonging to the city,	100 00	
Typewriting and office expenses,	42 55	
Printing,	35 68	
Telephone service,	2 45	
		\$1,444 05

Assessing Department.

Principal Assessors:

John J. Murphy, Chairman,	\$4,500 00
Charles E. Folsom, Secretary,	4,200 00
Edward B. Daily,	4,000 00
Frederick H. Temple,	4,000 00
Fred E. Bolton,	4,000 00
Edward G. Richardson,	4,000 00
Philip O'Brien,	4,000 00
	\$28,700 00

First Assistant Assessors:

William H. Allen, Matthew Binney, Jr.,	
Thomas H. Bond, Alexander P. Brown,	
Fred W. Burleigh, Harry C. Byrne,	
John C. Cook, David W. Creed, William	
A. Creney, William H. Cuddy, Joseph	
D. Dillworth, Michael F. Dolan, Daniel	
A. Downey, A. Glendon Dyar, James P.	
Fox, Warren F. Freeman, John H.	
Giblin, William N. Goodwin, Warren B.	
Hadley, John E. Heslan, Henry J.	
Ireland, Thomas O. McEnaney, Frederick	
L. McGowan, Augustus D.	
McLennan, John Marno, James I.	
Moore, Timothy J. Murphy, Timothy	
W. Murphy, Frederick F. O'Doherty,	
James H. Phelan, G. Fred Pierce,	
Frank S. Pratt, Arthur W. Smith,	
Edwin R. Spinney, Charles A. Tilden,	
George W. Warren, 36 persons, each at	
\$1,000,	\$36,000 00

<i>Carried forward,</i>	\$36,000 00	\$28,700 00	\$1,444 05
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<i>Brought forward,</i>	\$36,000 00	\$28,700 00	\$1,444 05
James Buckner, John J. Butler, Jeremiah J. Good, Edward L. Hopkins, Joseph H. King, Ward A. Marsh, William H. Oakes, Michael J. Toumey, Charles H. Warren, A. S. Parker Weeks, 10 persons, each at \$975,	9,750 00		
Benjamin F. Bowditch, Charles J. Dowd, William A. Farrington, Terence F. Feely, John H. Hout, Joseph T. Lyons, James F. Morgan, Joseph T. Preston, Nathan P. Ryder, 9 persons, each at \$25,	225 00		
		45,975 00	

Second Assistant Assessors:

John A. Badaracco, Thomas Boyd, Louis Burckhardt, William A. Brade, Patrick F. Carley, William H. Coblentz, Jacob Cohen, Michael F. Condon, James J. Crowley, Jerome J. Crowley, Clinton P. Duryea, William A. Donovan, James F. Dowling, John J. Driscoll, Joseph Esselen, John S. Gilman, Simon Gold- berg, William E. Harvey, Hammond B. Hazelwood, Albert W. Huebner, Loyal L. Jenkins, William J. Keenan, John F. Kinney, George E. Leet, Edward Liene- mann, Cornelius N. Liston, Christopher J. McCaffrey, John S. McDonough, James McNulty, Walter E. Merriam, James H. Mugridge, Michael J. Murray, Lucian J. Priest, William F. Prindeville, Frank J. Riley, Joseph F. Ripp, Saverio R. Romano, Jacob Rosenberg, Frederick F. Smith, Charles S. Stone, George F. Talham, Charles H. Turner, George Uriot, Edward F. White, C. Alfred Wil- ton, George O. Wood, 46 persons, each at \$200,	9,200 00		
Clerk hire, office and street,		86,027 05	

<i>Totals for salaries of Assessors and Clerks,</i>	\$169,902 05		
Printing,	4,336 06		
Stationery,	918 43		
Services of interpreters,	533 75		
Traveling expenses,	415 50		
R. W. Angier, furnishing stock valuations,	400 00		
Telephone service,	286 94		
Postage,	272 28		
Books, papers, etc.,	247 94		
Advertising,	108 72		
Labor in storeroom and office,	92 00		
Typewriting,	63 00		
Valuations, probate and assessments, Boston and cities outside,	63 00		
	<u>\$177,639 67</u>		

Carried forward,\$1,444 05

Brought forward,
REBINDING OLD RECORDS.
Binding,

\$1,444 05

\$2,583 45

RECAPITULATION.

Assessing Department, \$177,639 67
Rebinding old records, 2,583 45

180,223 12***Auditing Department.***

Salaries:

J. Alfred Mitchell, City Auditor, \$6,000 00
Assistant City Auditor, and clerk hire, 31,362 90

\$37,362 90

Services of expert accountants, 3,711 30
Stationery, books and papers, 1,037 50
Postage, 415 00
Printing, 358 39
Premium on surety bond of City Auditor, 300 00
Office expenses and small items, 151 65
Telephone service, 138 32

43,475 06***Bath Department.***

General expenses:

Salaries to January 25, 1912, inclusive:

Hugh C. McGrath, Superintendent, \$2,193 88
Employees, 2,332 37

\$4,526 25

Automobile expenses:

"Buick" car, in exchange, \$800 00
Chauffeur, 989 63
Repairs, storage and supplies, 5,055 44

6,845 07

Traveling expenses, 1,018 12
Printing, 539 04
Horse keeping, 482 38
Telephone service, 413 83
Stationery, 373 42
Office expenses and small items, 242 28
Postage, 62 62
Insurance on boiler, 44 50
Expert services, 10 00
Advertising, 6 50

\$14,564 01

Bath houses and beaches:

Employees, \$105,303 64
Bathing suits, 8,340 38
Repairs and improvements, 7,186 16
Furnishings and small supplies, 5,749 02
Electric lighting, 4,654 36
Fuel, 4,204 05

Carried forward,\$135,437 61\$14,564 01\$225,142 23

<i>Brought forward,</i>	\$135,437 61	\$14,564 01	\$225,142 23
Heating Dover Street Bath			
House,	3,455 91		
Rents,	2,060 00		
School Committee, for heating and lighting baths in school buildings,	1,019 62		
Use of towboats,	470 00		
Cartage,	432 15		
Gas,	147 49		
Medical services and supplies,	63 82		
Removing ashes,	61 46		
Rowboat,	50 00		
		143,198 06	
Gymnasia:			
Employees,	\$35,967 22		
Furnishings and small supplies,	2,949 72		
Fuel,	2,258 40		
Electric lighting,	1,498 11		
Medical services and supplies,	1,381 25		
Repairs,	1,325 03		
Rent,	708 28		
Gas,	339 15		
Removing ashes,	20 86		
Cartage,	8 00		
		46,456 02	
		<u>\$204,218 09</u>	

GYMNASIUM, EAST BOSTON.

Continuation of payments.

Employees,	\$273 02
Electrical work,	178 00
Firing boilers,	158 46
Fire doors and partitions,	132 00
Architects, Newhall & Blevins,	4 38
Advertising,	3 30
Equipment,	3,583 75
	<u>\$4,332 91</u>

GYMNASIUM, WARD BUILDING, WARD 8.

Payments on account.

Employees,	\$293 63
Printing,	208 07
Architects, Newhall & Blevins,	75 00
Electrical work,	11 95
Advertising,	5 50
	<u>\$594 15</u>

LOCKER BUILDING, TENEAN BEACH.

Contractor, Michael S. Kelliher,	\$1,087 99
Advertising,	5 90
Blueprints,	1 01
	<u>\$1,094 90</u>

Carried forward,\$225,142 23

<i>Brought forward,</i>		\$225,142 23
L STREET BATH, ADDITIONS, ETC.		
<i>Continuation of payments.</i>		
Contractor, Christopher F. Brown,	\$28,928 00	
Architect, Harrison H. Atwood,	2,892 80	
Employees,	398 25	
Electric fixtures,	226 67	
Sliding machines,	93 00	
Advertising,	6 20	
	\$32,544 92	

NORTH END PIER, BUILDINGS, ETC.

Continuation of payments.

Carpentry,	\$3,525 00	
Electrical work,	414 31	
Plumbing,	132 98	
Printing,	66 88	
Hardware, etc.,	47 30	
Cleaning sewer,	45 00	
Advertising,	7 70	
Furnishings,	1,107 68	
	\$5,346 85	

RECAPITULATION.

Bath Department,	\$204,218 09	
Gymnasium, East Boston,	4,332 91	
Gymnasium, Ward Building, Ward 8,	594 15	
Locker Building, Tenean Beach,	1,094 90	
L Street Bath, Additions, etc.,	32,544 92	
North End Pier, Buildings, etc.,	5,346 85	
		248,131 82

Building Department.

Salaries:

Arthur G. Everett, Commissioner,	\$5,000 00	
Assistants,	76,460 51	
Clerk,	2,500 00	
Assistant clerks, copyists, messengers, etc.,	17,934 46	
		\$101,894 97

Automobile:

Repairs, supplies and storage,	\$1,796 30	
Chauffeur,	1,098 26	
		2,894 56

Traveling expenses,	2,356 61	
Printing,	1,607 84	
Stationery,	638 68	
Postage,	444 64	
Telephone service,	431 81	
Shoring dangerous buildings,	215 50	
Office expenses, tools, etc.,	168 36	
Expert services,	30 00	
		110,682 97

Carried forward,

\$583,957 02

Brought forward,

\$583,957 02

Board of Appeal.

Chapter 550, Acts of 1907.

Salaries:

James R. Murphy, Chairman,	\$520 00
William D. Austin, Secretary,	788 00
Edward H. Eldredge,	620 00
Neil McNeil,	620 00
Dennis J. Sullivan,	660 00
Substitutes,	100 00

\$3,308 00

Clerk and stenographer,

640 95

Stationery,

76 75

Telephone service,

47 09

Printing,

40 03

Office expenses,

14 00

Postage,

10 00

Traveling expenses,

9 70

4,146 52***Cemetery Department.***

General expenses:

Leonard W. Ross, Superintendent,	\$2,500 00
John Frank Keating, Secretary,	1,495 52
Clerk hire and messenger,	1,854 84
Pensioner,	140 63

\$5,990 99

Printing,

197 60

Telephone service,

86 47

Office expenses,

61 16

Premiums on surety bonds,

42 00

Postage,

39 00

Stationery,

29 95

\$6,447 17

MOUNT HOPE CEMETERY.

Employees, \$50,134 19

Stable:

Hay, grain and straw, \$1,620 80

Wagon, caravan, and repairs of vehicles, 423 39

Horse, 300 00

Harnesses and repairs, 178 33

Shoeing and veterinary services, 57 18

2,579 70

Tools, hardware and general supplies, 2,273 58

Fuel, 1,817 81

Repairs and improvements, 1,754 74

Automobile maintenance, 523 55

Carried forward, \$59,083 57

\$6,447 17

\$588,103 54

<i>Brought forward,</i>	\$59,083 57	\$6,447 17	\$588,103 54
Seeds, plants and sods,	456 11		
Wire fence, balance. (<i>Total</i>			
<i>cost \$1,842.50</i>),	400 05		
Electric lighting,	279 76		
Flower pots,	219 16		
Furnishings and supplies,	195 42		
Manure and fertilizer,	152 00		
Printing,	140 86		
Stationery,	122 71		
Water rates,	122 50		
Telephone service,	108 28		
Cartage and team hire,	86 89		
Markers,	73 20		
Postage,	52 40		
Car fares,	31 65		
Advertising,	6 60		
		61,531 16	
EVERGREEN CEMETERY.			
Employees,	\$4,818 38		
Horse keeping,	360 55		
Tools, repairs and small sup-			
plies,	301 63		
Fuel,	86 40		
Water rates,	47 50		
Telephone service,	31 62		
Fertilizer,	15 00		
Electric lighting,	12 00		
Printing,	11 64		
Markers,	11 40		
Postage,	8 00		
		5,704 12	
CENTRAL.			
Care,	\$89 75		
Repairs and supplies,	16 43		
		106 18	
CHARLESTOWN.			
Care,	\$1,094 25		
Repairs and supplies,	283 20		
Water rates,	12 00		
		1,389 45	
COPP'S HILL.			
Care,	\$928 00		
Repairs and supplies,	67 92		
		995 92	
DORCHESTER NORTH BURIAL GROUND.			
Care,	\$2,164 75		
Repairs and supplies,	113 60		
Telephone service,	26 60		
		2,304 95	
DORCHESTER SOUTH CEMETERY.			
Care,	\$897 50		
Repairs and supplies,	16 07		
Water rates,	10 00		
		923 57	
EAST BOSTON.			
Care,	\$795 00		
Repairs and supplies,	84 72		
		879 72	
<i>Carried forward,</i>		\$80,282 24	\$588,103 54

<i>Brought forward,</i>		\$80,282 24	\$588,103 54
EUSTIS STREET.			
Care,	\$443 88		
Repairs and supplies,	9 45		
		453 33	
FAIRVIEW CEMETERY.			
Care,		175 60	
GRANARY.			
Care,	\$849 37		
Repairs and supplies,	18 85		
		868 22	
HAWES.			
Care,		247 25	
KING'S CHAPEL.			
Care,	\$677 87		
Repairs and supplies,	72 59		
		750 46	
SOUTH.			
Care,		206 75	
WALTER STREET.			
Care,		14 75	
WESTERLY.			
Care,		362 50	
		<u>\$83,361 10</u>	

EVERGREEN CEMETERY, DEVELOPMENT OF LAND.

Continuation of payments.

Labor,	\$200 25
Grass seed,	98 16
	<u>\$298 41</u>

RECAPITULATION.

Cemetery Department,	\$83,361 10
Evergreen Cemetery, development of land,	298 41
	<u>83,659 51</u>

City Clerk Department.

SALARIES.

John T. Priest, City Clerk,	\$5,000 00
Wilfred J. Doyle, Assistant City Clerk,	3,800 00
Clerk hire and messengers,	32,348 57
	<u>\$41,148 57</u>

Advertising,	1,504 74
Stationery,	566 59
License badges,	456 25
Printing,	271 99
Telephone service,	185 42
Postage,	160 00
Office expenses,	117 80
Traveling expenses,	28 64
Premium on surety bond,	8 00
	<u>44,448 00</u>

Carried forward,\$716,211 05

Brought forward,

\$716,211 05

City Council.

SALARIES.

John Joseph Attridge,	\$1,500 00
Walter Ballantyne,	1,500 00
Timothy John Buckley,	1,500 00
Walter Leo Collins,	1,500 00
James Michael Curley,	1,500 00
Matthew Hale,	1,500 00
Thomas Joseph Kenny,	1,500 00
Daniel Joseph McDonald,	1,500 00
Earnest Everett Smith,	1,500 00
	\$13,500 00

CITY COUNCIL PROCEEDINGS.

Printing Proceedings,	\$7,630 38
Reporting,	3,000 00
Indexing,	999 98
	\$11,630 36

INCIDENTAL EXPENSES.

Expenditures ordered by the City Council to be charged to this appropriation, and others not chargeable to any other appropriation, including legal expenses. (See Reserve Fund.)

Legal expenses,	\$1,660 24	
In connection with legislative affairs,	2,000 00	
		\$3,660 24
Secretary to City Council, Frank X. Chisholm,		1,800 00
Clerk of Committees, John F. Dever,	\$2,500 00	
Telephone service,	185 69	
Stationery,	158 35	
Postage,	102 00	
Books and papers,	97 25	
Messenger service,	72 82	
Printing,	61 78	
		3,177 89
City Messenger, Edward J. Leary,	\$2,500 00	
Secretary and Assistant, Charles E. Silloway,	1,800 00	
Assistant,	571 10	
Ropes, chains and stakes, setting and repairing flags, repairs of staffs, etc.,	3,984 63	
Telephone service,	178 24	
Postage,	150 56	
Cartage,	67 00	
Stationery,	64 83	
Printing,	45 31	
Messenger service,	42 51	
Books and papers,	41 96	
		9,446 14

Carried forward,

\$18,084 27

\$716,211 05

<i>Brought forward,</i>	\$18,084 27	\$716,211 05
Ringing bells:		
April 19, June 17, July 4, September 5,		
October 12, November 24, December		
26, 1910; February 13 and 22, March		
17, April 19, June 17, July 4, September		
4, October 12, November 30 and Decem-		
ber 25, 1911,	2,339 00	
Stenographic reports of hearings,	929 47	
Julia Ward Howe, memorial volume,	450 63	
Group picture of Mayor and Aldermen,		
1909,	450 00	
Advertising,	434 26	
Police officers in attendance at Council		
meetings,	400 00	
Clerks, telephone and messengers, etc., re-		
ceiving election returns (<i>Order of City</i>		
<i>Council, November 1, 1911</i>),	389 84	
Group picture of City Council and officers		
of 1910,	285 00	
Printing,	168 32	
Telephone service,	76 06	
Stationery and papers,	24 75	
Two gavels,	20 60	
	\$24,052 20	

RECAPITULATION.

City Council,	\$13,500 00	
City Council Proceedings,	11,630 36	
Incidental Expenses,	24,052 20	
		49,182 56

City Debt, Redemption of.

<i>Debt paid.</i>		
City Debt,	\$2,215,750 00	
Cochituate Water Debt,	84,000 00	
Rapid Transit Debt,	6,000 00	
		2,305,750 00

City Debt Requirements.

CITY DEBT.

Amount paid to Board of Commissioners of Sinking Funds, being the percentages required by law to be raised for the redemption of outstanding loans at maturity:

Cambridge Bridge Fund,	\$15,012 00	
Charles River Basin Fund,	12,096 00	
Fifteen Year Fund,	71,804 00	
Highways, Making of, No. 1 Fund,	93,520 00	
Highways, Making of, No. 2 Fund,	41,883 00	
Improved Sewerage, Special Fund,	1,014 00	
New Ferry Landing Fund,	15,972 00	
Public Park Fund,	104,785 00	
Public Park Special Fund,	161,811 00	
Rapid Transit, Charlestown Bridge, No. 1		
Fund,	7,912 00	
Rapid Transit, Charlestown Bridge, No. 2		
Fund,	6,123 00	

<i>Carried forward,</i>	\$531,932 00	\$3,071,143 61
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<i>Brought forward,</i>	\$531,932 00	\$3,071,143 61
Schoolhouses, No. 1 Fund,	22,190 00	
Schoolhouses, No. 2 Fund,	265,545 00	
Separate Systems of Drainage, No. 1 Fund,	68,634 00	
Separate Systems of Drainage, No. 2 Fund,	17,938 00	
Sewerage Loan, No. 1 Fund,	81,588 00	
Sewerage Loan, No. 2 Fund,	11,386 00	
Stony Brook Improvement Fund,	10,368 00	
Twenty Year Fund,	420,653 00	
Thirty Year, No. 1 Fund,	6,798 00	
Thirty Year, No. 2 Fund,	25,966 00	
	<u>\$1,462,998 00</u>	

BETTERMENTS, ETC.

Paid to Board of Commissioners of Sinking Funds:

Revenue received from Betterments,	
Assessments, etc.,	\$425,813 75
Premium on loans negotiated,	10,386 84
	<u>\$436,200 59</u>

INTEREST.

Interest paid on City Debt,	\$3,337,318 74
Interest paid on Temporary Debt,	36,121 98
Interest paid on Hyde Park Debt,	123 75
	<u>\$3,373,564 47</u>

[For other interest paid, see appropriations for County, Water Service, Rapid Transit Interest and Sinking Fund, Cambridge Connection, Riverbank Subway, and State Tax and Assessments.]

RECAPITULATION.

City Debt,	\$1,462,998 00	
Betterments, etc.,	436,200 59	
Interest,	3,373,564 47	
		<u>5,272,763 06</u>

City Documents.

Printing and binding City Documents,	35,968 92
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Collecting Department.

Salaries:

Bowdoin S. Parker, City Collector,	\$5,000 00	
Deputy collectors,	50,829 99	
Clerk hire,	58,819 07	
Pensions,	478 13	
	<u>\$115,127 19</u>	
Advertising,	5,728 50	
Postage,	4,008 40	
Printing,	3,250 42	
Stationery,	2,727 85	
Premiums on surety bonds,	1,244 00	
Books, papers and office expenses,	792 78	
Traveling expenses,	783 78	

<i>Carried forward,</i>	\$133,662 92	\$8,379,875 59
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<i>Brought forward,</i>	\$133,662 92	\$8,379,875 59
Telephone service,	319 56	
Auction expenses,	305 75	
Recording deeds,	294 10	
Commission, Justice of the Peace,	7 00	
		134,589 33

Consumptives' Hospital Department.

Salaries:

Dr. Simon F. Cox, Superintendent,	\$3,500 00	
Employees,	65,173 30	
		\$68,673 30
Board of patients,		32,775 91
Food,		29,780 82
Ice,		570 04
Clothing and bedding,		2,133 52
Furniture and household supplies,		10,001 03
Fuel,		5,386 69
Light:		
Gas,	\$451 53	
Oil,	4 39	
Electric,	4,210 71	
		4,666 63
Medical and surgical supplies,	\$3,877 19	
Liquors,	188 68	
		4,065 87
Printing,		990 82
Advertising,		15 50
Stationery,		332 11
Postage,		237 13
Religious services,		43 39
Library supplies,		23 00
Disinfectants,		96 00
Repairs and improvements,		13,555 40
Agricultural,		4,734 46
Cartage,		1,305 26
Transportation,		1,084 30
Soap and laundry supplies,		534 64
Telephone service,		619 57
Rents,		3,724 71
Laundry work,		15 98
Insurance,		413 14
Messenger service,		107 56
Automobile, maintenance,		2,001 63
Commission, Justice of the Peace,		7 00
		\$187,895 41

BUILDINGS AND EQUIPMENT.

Heating apparatus,	\$178 82
Bulkhead wall, etc.,	98 01
Electrical supplies,	95 99
	\$372 82

COMPLETION OF SECOND WARD.

Continuation of payments.

Contractor, Stephen Brennan,	\$415 22	
<i>Carried forward,</i>	\$415 22	\$8,514,464 92

<i>Brought forward,</i>	\$415 22	\$8,514,464 92
Screens,	440 00	
Plumbing,	156 25	
Waterproofing floors,	106 17	
Hardware, etc.,	81 04	
Plans for heating and ventilating,	69 53	
Water service pipes,	51 98	
Furnishings,	994 83	
	<u>\$2,315 02</u>	

COTTAGE WARD FOR WOMEN.

*Total cost, \$14,998.58.**Balance of payments,*

Architects, Maginnis & Walsh,	\$107 86	
Screens,	80 00	
Plans for heating and ventilating,	57 44	
Carpentry,	55 00	
Hardware, etc.,	23 22	
Masonry,	22 13	
	<u>\$345 65</u>	

DOMESTIC BUILDING.

Continuation of payments.

Contractors, J. E. Locatelli Company,	\$49,672 64	
Electrical work, Edwin J. Lewis, Inc.,	6,970 00	
Plumbing, Pierce & Cox,	5,992 34	
Heating and ventilating, J. J. Hurley & Co.,	5,197 00	
Refrigerating machinery, Frick Company,	4,041 75	
Architects, Maginnis & Walsh,	3,417 98	
Plans for heating and ventilating,	672 44	
Printing,	57 46	
Hardware, etc.,	13 90	
Advertising,	3 80	
	<u>\$76,039 31</u>	

RECAPITULATION.

Consumptives' Hospital Department,	\$187,895 41	
Buildings and equipment,	372 82	
Completion of Second Ward,	2,315 02	
Cottage Ward for Women,	345 65	
Domestic Building,	76,039 31	
	<u></u>	266,968 21

*Damages by Dogs, etc.**Payments for killing unlicensed dogs, and for damages done by dogs, etc.:*

Killing dogs:		
Julian Codman,	\$1,039 64	
Huntington Smith,	1,039 64	
Frank J. Sullivan,	1,039 64	
	<u></u>	\$3,118 92
Damages,		13 25
Appraisers,		13 20
		<u>3,145 37</u>

Carried forward,

\$8,784,578 50

Brought forward,

\$8,784,578 50

Duplicates and Overpayments.

Amounts refunded:

Taxes,	\$3,637 10
Water rates,	891 93
Highway assessments,	29 69
Gypsy and brown-tail moth assessments,	6 28
Sewerage works assessments,	6 00

 4,571 00
Election Department.

Salaries:

Commissioners,	
John M. Min-	
ton, Chairman,	\$4,000 00
Melancthon W.	
Burden,	3,500 00
Alpheus Sanford,	3,500 00
Edward A.	
McLaughlin,	3,500 00
	\$14,500 00
Assistant Registrars,	46,805 22

 \$61,305 22

Election officers,	31,046 00
Printing,	20,917 46
Repairing, fitting up and placing precinct voting places,	8,718 78
Care of rooms and booths,	4,014 02
Carriage hire and traveling expenses, transporting ballot boxes, etc.,	3,376 98
Rents,	3,156 92
Posting and carting,	1,405 19
Stationery,	1,391 53
Advertising,	1,137 72
Refreshments and lodgings,	750 65
Furnishings,	605 83
Postage,	377 86
Telephone service,	268 34
Books, papers, etc.,	160 45
Fuel, gas and electric light,	98 97
Constable services,	53 68
Messenger service,	32 80
Repairing ballot boxes,	8 25

 138,826 65

(See Police Department for Listing Voters and Public Buildings Department for Ward rooms.)

Finance Commission.*Authorized by chapter 486, Acts of 1909.*

Salaries:

John A. Sullivan, Chairman,	\$5,000 00
George A. O. Ernst, Director	
Bureau of Municipal Research,	4,666 66
Guy C. Emerson, Consulting Engineer,	5,000 00

Carried forward, \$14,666 66

 \$8,927,976 15

<i>Brought forward,</i>	\$14,666 66	\$8,927,976 15
John C. L. Dowling, Junior		
Counsel,	2,000 00	
Employees,	4,420 47	
		\$21,087 13
Expert services,		6,603 72
Rent,		2,500 00
Printing,		2,371 83
Stationery and papers,		812 31
Legal services,		675 00
Telephone service,		259 05
Furnishings and office expenses,		170 55
Postage,		117 50
Traveling expenses,		110 50
Electric lighting,		64 65
Constable services and witnesses' fees,		60 50
Stenographic work,		29 73
		34,862 47

Fire Department.

Salaries to January 25, 1912, inclusive:

Charles D. Daly, Commis-		
sioner,	\$4,986 28	
B. F. Underhill, Chief Clerk,	2,493 40	
John A. Mullen, Chief,	3,988 92	
Assistant and District		
Chiefs,	33,314 85	
Members of the various		
engine, ladder and hose		
companies,	1,067,314 21	
Pensioners,	108,601 84	
Clerk hire,	6,431 88	
	\$1,227,131 38	
Less amount deducted for		
cloth furnished by the		
department,	2,427 30	
	\$1,224,704 08	
Horses:		
Hay, grain and straw,	\$47,971 60	
Shoeing,	19,197 35	
Purchase and exchange of,	12,752 84	
Attendants at Hospital,		
medicine, etc.,	7,886 43	
Harnesses and repairs,	6,886 77	
Horse hire,	1,496 50	
	96,191 49	
Repairs of apparatus, including stock sent		
to repair shop:		
Mechanics,	\$39,577 10	
Materials, etc.,	19,202 53	
	58,779 63	
Fuel for houses and engines,	39,954 32	
Repairs and alterations of houses,	27,384 17	
Hardware, tools and supplies,	19,455 97	
New apparatus:		
Combination chemical en-		
gine and hose motor car,	\$5,500 00	
Aerial ladder truck,	4,930 00	
Engine,	4,850 00	

<i>Carried forward,</i>	\$15,280 00	\$1,466,469 66	\$8,962,838 62
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<i>Brought forward,</i>	\$15,280 00	\$1,466,469 66	\$8,962,838 62
Automobile,	950 00		
Ladder truck,	750 00		
Ten life nets,	525 00		
Caravan,	300 00		
		17,805 00	
Hose, pipes and repairs,		11,840 79	
Electric lighting,		10,904 09	
Rents,		9,384 27	
Furniture and bedding,	\$6,436 54		
Washing,	1,374 80		
		7,811 34	
Uniform cloth,		2,566 96	
Printing,		2,276 67	
Medical services,		1,837 36	
Gas,		1,439 36	
Stationery,		1,037 89	
Hats, badges and buttons,		995 96	
Chemicals,		978 09	
Expert services,		695 50	
Janitor at headquarters,		602 40	
Allowance to members for clothing, etc., lost at repair shop fire (<i>Order of City</i> <i>Council, November 14, 1911</i>),		546 89	
Ice,		495 62	
Books, papers and office expenses,		477 84	
Traveling expenses,		442 50	
Expert accountant services,		425 00	
Insurance,		310 02	
Lessons in use of gasoline engines, etc.,		240 00	
Expenses of detailed men,		234 88	
Removing ashes from fireboat,		181 68	
Freights,		179 01	
Postage,		141 70	
Medical supplies,		131 83	
Electric power,		125 66	
Advertising,		80 90	
Stenographic work and small items,		51 48	
Rent of gas regulators,		38 25	
		\$1,540,748 60	
FIRE-ALARM TELEGRAPH.			
Salaries: George			
L. Fickett, Su-			
perintendent,	\$2,493 40		
Opera tors, re-			
pairers, etc.,	41,867 18		
	\$44,360 58		
Less amount			
deducted for			
uniform cloth			
furnished by			
the depart-			
ment,	8 84		
	\$44,351 74		
Wire, cable and conduits,	11,717 32		
Instruments, tools and repairs,	7,714 73		
Repairs, alterations and ex-			
tensions,	3,562 41		
Telephone service,	1,528 87		
Electric power,	964 70		
<i>Carried forward,</i>	\$69,839 77	\$1,540,748 60	\$8,962,838 62

<i>Brought forward,</i>	\$69,839 77	\$1,540,748 60	\$8,962,838 62
Maps and plans,	489 04		
Use of duct in East Boston Tunnel,	450 36		
Repairing clocks,	347 30		
Electric light for clocks,	284 74		
Car fares and traveling expenses,	235 50		
		71,646 71	
		<u>\$1,612,395 31</u>	

FIREBOAT QUARTERS AND PIER, NORTHERN AVENUE.

Payments on account.

Expert services,	\$15 00
Advertising,	3 40
	<u>\$18 40</u>

FIRE DEPARTMENT REPAIR SHOP.

Payments on account.

Contractor, John F. Griffin Company,	\$97,867 20
Architects, Parker, Thomas & Rice,	5,886 33
Plans for heating and ventilating,	661 64
Benches, etc.,	572 00
Printing,	361 44
High pressure piping to engine,	275 00
Borings and tests,	238 25
Advertising,	6 40
	<u>\$105,868 26</u>

FIRE STATION, LAURIAT AVENUE DISTRICT.

*Total cost, \$15,762.07.**Balance of payments.*

Contractors, McGahey & O'Connor,	\$2,997 83
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FIRE STATION, OAK SQUARE AND FANEUIL SECTION.

Continuation of payments.

Expert services,	\$25 00
Advertising for site,	2 80
	<u>\$27 80</u>

NEW FIREBOAT, No. 31.

Continuation of payments.

Contractors, Bertelsen & Petersen Engineering Company,	\$13,796 75
Architect, Arthur Binney,	1,371 09
Hose,	2,067 50
Coppering,	503 04
Consulting engineer,	100 00
Inspector of hull,	36 00
Marine instruments, etc.,	32 10
Coal,	15 00
	<u>\$17,921 48</u>

Carried forward,\$8,962,838 62

Brought forward, \$8,962,838 62
 NEW QUARTERS FOR FIREBOAT CREW, BOSTON SIDE.
 (Cost to date, \$17,983.76.)

Continuation of payments.

Building, Christopher F. Brown, Contractor,	\$10,400 00
Building wharf and dredging dock, W. H. Ellis, Contractor,	6,264 59
Architect, C. J. Bateman,	624 00
Engineering,	307 33
Printing,	134 49
Tide water displacement,	100 00
Water service pipe,	67 15
Advertising,	11 20
	\$17,908 76

RECAPITULATION.

Fire Department,	\$1,612,395 31	
Fireboat quarters and pier, Northern avenue,	18 40	
Fire Department, repair shop,	105,868 26	
Fire Station, Lauriat Avenue District,	2,997 83	
Fire station, Oak square and Faneuil section,	27 80	
New Fireboat, No. 31,	17,921 48	
New quarters for fireboat crew, Boston side,	17,908 76	
		1,757,137 84

Franklin Fund.

Continuation of payments for Franklin Union.

Furnishing and equipment,	\$7,229 52	
Mural decorations,	750 00	
Architect, R. Clipston Sturgis,	112 50	
		8,092 02

Franklin Union.

Salaries:		
Director, William B. Russell,	\$3,850 00	
Instructors,	12,936 00	
Employees,	4,976 92	
		\$21,762 92
Tools and supplies,	1,858 02	
Electric service,	1,833 00	
Fuel,	793 25	
Repairs,	549 11	
Insurance,	516 00	
Printing,	479 66	
Stationery,	419 61	
Furnishings and office expenses,	390 05	
Traveling expenses,	210 07	
Postage,	206 50	
Advertising,	186 00	
Telephone service,	99 11	
Water rates,	81 80	
Cartage,	78 12	
Gas,	41 71	
		29,504 93
<i>Carried forward,</i>		\$10,757,573 41

Brought forward,

\$10,757,573 41

Health Department.

Salaries — Commissioners:

Samuel H. Durgin, Chair- man,	\$4,500 00
Francis X. Mahoney,	4,000 00
Patrick H. Mullooney, from May 24, 1911,	2,411 11
P. Robert Greene, Tempo- rary Commissioner, to May 23, 1911, inclusive,	1,588 89
Charles E. Davis, Jr., Secre- tary, to May 31, 1911, in- clusive,	1,250 00
Francis H. Slack, Secretary, from June 1, 1911,	1,750 00
Clerk hire and messengers,	15,989 57
Medical Inspectors,	7,800 00
Inspectors at abattoir,	7,081 30
Health Inspectors,	31,292 32
Dairy Inspectors,	7,206 57
Medical Inspectors of Schools,	35,242 32
Visiting nurses,	6,318 13
Inspector of Milk and Vinegar,	3,000 00
Assistants,	6,629 50
Inspectors of Provisions,	4,494 00
Bacteriologist and Director of Laboratory,	2,500 00
Assistants,	8,150 48
Dermatologist,	2,000 00
Superintendent of Pedlers and Assistants,	2,492 88
Police officers,	5,982 60
Constables,	2,773 94
Pensions,	1,253 75

\$165,707 36

Abatement of nuisances,	10,035 08
Printing,	7,950 88
Expenses of Dairy Inspectors,	7,623 72
Bacteriological examinations and expenses of laboratory, etc.,	5,733 93
Automobiles, maintenance,	3,327 04
Postage,	3,133 42
Disinfectants,	2,555 23
Traveling expenses,	2,293 79
Telephone service,	1,966 26
Expenses of Milk Inspector,	1,833 89
Stationery,	1,748 52
Expenses of nurses,	1,313 96
Furnishings and office expenses,	1,121 25
Horse and horse keeping,	1,116 51
Removal of buildings, etc.	1,016 75
Typewriting,	949 08
Expenses of School Inspectors,	409 14
Rent,	194 20

Carried forward,

\$220,030 01 \$10,757,573 41

<i>Brought forward,</i>		\$220,030 01	\$10,757,573 41
Vaccination:			
Physicians,	\$130 00		
Vaccine matter,	48 30		
		178 30	
Advertising,		77 25	
Medical supplies,		70 93	
Messenger service,		68 02	
		\$220,424 51	
Epidemic Hospital:			
Employees,	\$1,395 36		
Board and care of patients in other hospitals and in other cities and towns,	6,041 51		
Subsistence,	663 46		
Furnishings, etc.,	423 80		
Repairs and alterations,	379 61		
Fuel,	262 20		
Tools and small items,	161 57		
Electric lighting,	98 30		
Gas,	63 51		
Clothing,	15 68		
Medical supplies,	7 09		
		9,512 09	
Morgue:			
In charge of Medical Examiner from July 1, 1911.			
Employees,	\$929 55		
Furnishings and laundry work,	297 72		
Electric lighting,	290 76		
Surgical instruments and supplies,	186 27		
Fuel,	149 50		
Repairs and alterations,	88 58		
Gas,	32 60		
		1,974 98	
Convenience Stations:			
Employees,	\$13,118 50		
Repairs,	4,688 13		
Furniture and small supplies,	1,032 84		
Electric lighting,	294 08		
Fuel,	198 87		
Gas,	6 63		
		19,339 05	
QUARANTINE:			
Salaries: Paul Carson, Port Physician, to February 16, 1911, inclusive,	\$255 54		
William M. Gay, Port Physician, from March 1 to August 31, 1911, inclusive,	999 99		
Francis X. Craw- ford, Port Phy- sician, from September 1, 1911,	666 68		
<i>Carried forward,</i>	\$1,922 21	\$251,250 63	\$10,757,573 41

<i>Brought forw'd,</i>	\$1,922 21		\$251,250 63	\$10,757,573 41
William M. Gay, Assistant Port Physician, to February 28, 1911, inclusive,	200 00			
Francis X. Crawford, Assistant Port Physician, from April 1, to September 1, 1911,	500 00			
Employees,	3,395 05			
		\$6,017 26		
Repairs and improvements,		12,873 48		
Furniture and furnishings,		7,562 56		
Subsistence,		4,318 77		
Repairing cable between Gallop's and Long Islands,		317 10		
Agricultural,		253 12		
Medical supplies,		162 77		
Ice,		80 63		
Premiums on surety bonds,		16 00		
Stationery,		4 05		
			31,605 74	
Steamers "Vigilant" and "Relief" Crews,		\$7,741 12		
Repairs,		2,873 39		
Fuel,		1,764 83		
Subsistence supplies,		1,276 54		
Chandlery and supplies,		545 27		
Furnishings,		157 55		
Ice,		80 62		
			14,439 32	
				297,295 69

Highways, Making of.

Land Damages:				
Addison street,	\$475 00			
Bay street,	1,725 00			
Bellevue street, Dorchester,	1,775 29			
Benton street,	375 00			
Berkeley street,	2,500 00			
Brinsley street,	435 00			
Bruce street,	75 00			
Cotton street,	127 38			
Curtis street,	3,075 00			
Evergreen street,	335 00			
Geneva avenue,	364 00			
Hazelton street,	700 00			
Hobson street,	1,822 90			
Leon street,	1,575 00			
Mallet street,	50 00			
Mead street, Charlestown,	550 00			
Mountain avenue,	370 00			
Morton street,	1,922 85			
Pontiac street,	2,578 54			
Quint avenue,	450 00			
Ralston street,	8,334 06			
Rexford street,	45 00			
Sachem street,	17,225 00			
<i>Carried forward,</i>	\$46,885 02		\$11,054,869 10	

<i>Brought forward,</i>	\$46,885 02	\$11,054,869 10
St. James avenue,	2,500 00	
South Huntington avenue,	129 00	
Stanhope street,	500 00	
Wales street,	4,941 55	
Wallingford road,	25 00	
Walworth street,	1,000 00	
Westcott street,	100 00	
		\$56,080 57
Street Construction:		
Employees,	\$1,692 71	
Engineering,	13,929 51	
Contractors for constructing and regulating:		
Addison street,	\$11,771 09	
Ainsworth street,	7,177 29	
Ardale street,	11,694 28	
Bay street,	7,397 45	
Berkeley street,	7,248 51	
Bradfield avenue,	8,414 56	
Brinsley street,	4,726 65	
Bryant street,	11,311 60	
Bucknam street,	2,326 81	
Champney street,	4,212 85	
Chipman street,	3,567 87	
Corey road,	4,333 00	
Danville street,	3,336 26	
Doris street,	1,008 92	
Douglass street,	979 73	
Emmet street,	945 12	
Fottler road,	1,234 33	
Frost avenue,	3,027 81	
Geneva avenue,	23,286 42	
Glenville avenue,	114 97	
Granville street,	5,553 27	
Greenleaf street,	2,739 48	
Greenwood street,	13,475 70	
Hallet street,	5,661 00	
Harvard avenue,	3,582 66	
Hazelton street,	4,842 63	
Hiawatha road,	312 55	
Hinsdale street,	3,210 38	
Intervale street,	1,083 98	
Kenneth street,	2,180 25	
Kilton street,	2,995 56	
Leon street,	1,352 38	
Litchfield street,	12,735 03	
Morton street,	4,338 06	
Quint avenue,	4,438 79	
Railroad street,	6,899 36	
Ralston street,	1,368 93	
Southampton street,	5,584 88	
Spencer street,	2,518 89	
Stratford street,	1,861 05	
Wales street,	5,305 06	
Westcott street,	3,702 28	
West Park street,	1,700 05	
	215,557 74	
<i>Carried forward,</i>	\$231,179 96	\$56,080 57 \$11,054,869 10

<i>Brought forward,</i>	\$231,179 96	\$56,080 57	\$11,054,869 10
Edgestone,	7,013 60		
Stone blocks,	3,843 79		
Brick,	2,203 01		
Flagging,	818 65		
Crushed stone,	765 81		
Teaming,	521 94		
Advertising,	516 20		
Filling,	226 67		
Engineering expenses,	122 91		
Photographs,	50 40		
Lumber,	21 13		
Transferred from Highway Division, Paving service,	7,601 28		
		254,885 35	
			310,965 92

Hospital Department.

*Payments on account of the City Hospital; Relief Station,
Haymarket square; Hospital, East Boston, and Con-
valescent Home, Dorchester.*

Salaries:

John H. McCollom, Superin-
tendent and Resident Phy-

sician,

\$5,000 00

Employees,

240,676 76

\$245,676 76

Subsistence supplies for officers and in-
mates,

133,238 16

Medical supplies,

35,919 00

Furniture and household supplies,

34,002 09

Fuel,

32,651 22

Repairs and alterations,

20,013 25

Electric lighting,

7,873 94

Stable expenses,

6,254 17

Printing,

5,042 49

Gas,

3,585 87

Photographs and blueprints,

3,109 53

Ice,

3,109 34

Soap and laundry supplies,

3,079 02

Liquors,

2,482 93

Grounds and animals,

2,311 33

Telephone service,

2,115 01

Stationery and books,

1,900 05

Electric plant, repairs and supplies,

1,553 29

Examination of accounts and systematizing,

1,095 00

Removing ashes,

945 76

Inspecting dairies,

903 87

Traveling expenses,

699 07

Extermination of roaches and water bugs,

679 54

Postage,

630 19

Electric power,

511 80

Telegrams and messenger service,

468 68

Lessons in massage, cooking and dietetics,

381 00

Advertising and small items,

368 39

Oil,

350 28

Cartage and freights,

321 82

Carried forward,

\$551,272 85 \$11,365,835 02

<i>Brought forward,</i>	\$551,272	85	\$11,365,835	02
Insurance,	226	08		
Premium on surety bond,	40	00		
	<u>\$551,538</u>	<u>93</u>		

CITY HOSPITAL, FIREPROOFING.

Continuation of payments.

Contractors:				
William L. Morrison,	\$32,455	65		
John A. Rooney,	12,216	55		
			\$44,672	20
Architect, Edward P. Dana,			1,136	61
Engineers, Densmore & Le Clear,			1,778	17
Employees,			1,522	09
Generator, switchboard and wiring:				
Lord Electric Company,	\$8,650	00		
M. B. Foster Electric Com-				
pany,	2,026	93		
New England Telephone and				
Telegraph Company,	1,275	00		
			11,951	93
Steamfitting, Bradlee & Eastman Company,			7,900	00
Engine,			1,700	00
Automatic sprinklers,			586	75
Fire shutters, ambulance station,			119	60
Borings and tests, power house,			106	92
Plumbing,			44	85
			<u>\$71,519</u>	<u>12</u>

NEW WIRING.

Continuation of payments. See Fireproofing.

Contractors, M. B. Foster Electric Com-				
pany,			\$538	05
Engineers, Densmore & Le Clear,			65	88
			<u>\$603</u>	<u>93</u>

PATRICK A. COLLINS MEMORIAL LIBRARY FUND.

Books,	<u>\$105</u>	<u>35</u>
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MARTHA HOWARD THURSTON CARTER FUND, INCOME.

For the purchase of books for nurses,	<u>\$80</u>	<u>00</u>
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RECAPITULATION.

Hospital Department,	\$551,538	93		
City Hospital, Fireproofing,	71,519	12		
New Wiring,	603	93		
Patrick A. Collins Memorial Library Fund,	105	35		
Martha Howard Thurston Carter Fund,				
Income,	80	00		
			<u>623,847</u>	<u>33</u>

Institutions.

(For House of Correction, see County of Suffolk.)

<i>Carried forward,</i>	<u>\$11,989,682</u>	<u>35</u>
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Brought forward,

\$11,989,682 35

Boston Infirmary Department.

BOSTON ALMSHOUSE AND HOSPITAL, LONG ISLAND.

Salaries and wages to January 25, 1912, inclusive:

Charles E. Donlan, Superintendent,

\$3,490 24

Employees,

40,122 43

\$43,612 67

Food,

62,110 00

Ice,

657 50

Clothing and bedding,

6,941 81

Furniture and household supplies,

6,981 88

Fuel,

15,893 25

Light:

Electric,

\$655 15

Gasolene,

63 24

Oil,

4 00

722 39

Medical and surgical supplies,

\$4,141 50

Liquors,

827 48

4,968 98

Printing,

482 22

Advertising,

13 70

Stationery,

329 16

Postage,

304 44

Religious services,

1,518 84

Instruction and amusement:

Entertainment of inmates,

\$53 75

Library supplies,

200 50

254 25

Disinfectants,

378 00

Repairs and improvements,

6,466 74

Agricultural,

2,507 90

Freights,

57 56

Burials,

124 42

Tobacco and snuff,

832 13

Soap and laundry supplies,

861 20

Telephone service,

282 18

Lessons in massage and cooking,

80 00

Transportation,

92 97

Insurance,

135 00

\$156,609 19

ALMSHOUSE, CHARLESTOWN.

Salaries and wages:

Mary A. Morris,

Superintendent,

\$1,200 00

Employees,

3,192 00

\$4,392 00

Food,

5,341 78

Ice,

184 50

Clothing and bedding,

841 08

Carried forward,

\$10,759 36

\$156,609 19 \$11,989,682 35

<i>Brought forward,</i>	\$10,759 36	\$156,609 19	\$11,989,682 35
Furniture and household supplies,	539 27		
Fuel,	1,669 77		
Light:			
Gas,	\$16 17		
Oil,	6 00		
Electric,	392 38		
		414 55	
Medical and surgical supplies,	\$206 57		
Liquors,	17 65		
		224 22	
Printing,	2 60		
Stationery,	4 53		
Postage,	6 00		
Entertainment of inmates,	2 00		
Disinfectants,	4 25		
Repairs and improvements,	364 78		
Agricultural,	1,064 24		
Express charges,	3 70		
Transportation,	40 00		
Burials,	36 00		
Tobacco and snuff,	204 44		
Soap and laundry supplies,	195 74		
Telephone service,	70 15		
Experts, appraising property,	50 00		
		15,655 60	
PAUPER EXPENSES.			
Support of poor in almshouses and hospitals,		4,150 64	
OFFICE EXPENSES.			
Salaries and wages,	\$3,900 00		
Printing,	263 72		
Telephone service,	194 82		
Stationery,	101 06		
Postage,	90 48		
Messenger service,	50 10		
Office expenses,	21 75		
		4,621 93	
STEAMER "GEORGE A. HIBBARD."			
Crew,	\$5,005 60		
Fuel,	1,828 25		
Chandlery and supplies,	561 23		
Repairs,	209 43		
Hire of towboat,	30 00		
Printing,	26 62		
Wharfage, Steamer "John Howard,"	88 19		
		7,749 32	
NEW BOAT.			
<i>Continuation of payments on account of constructing the steamer "George A. Hibbard."</i>			
Contractors, George Lawley & Son Corporation,	\$9,387 50		
Hose, pipes, etc.,	932 88		
Inspector,	457 25		
Furnishings,	226 86		
		11,004 49	
<i>Carried forward,</i>		\$199,791 17	\$11,989,682 35

<i>Brought forward,</i>	\$199,791 17	\$11,989,682 35
WHARF, LONG ISLAND.		
<i>Continuation of payments.</i>		
Tidewater displacement,	20 63	
		199,811 80

Children's Institutions Department.

PLACING-OUT AND OFFICE DIVISION.

Salaries and wages,	\$12,367 37	
Pensions,	358 33	
Board of children,	64,616 45	
Massachusetts Hospital		
School,	10,898 75	
Boston Almshouse and Hos-		
pital,	1,696 62	
Massachusetts State Infirm-		
ary,	513 77	
Massachusetts School for the		
Feeble-Minded,	78 47	
Monson State Hospital,	24 61	
Clothing,	9,295 13	
Furniture and office ex-		
penses,	356 51	
Medical attendance and sup-		
plies,	2,892 69	
Printing,	554 51	
Stationery,	228 90	
Postage,	383 00	
Entertainment of children,	33 87	
Library and school supplies,	32 62	
Express charges,	587 53	
Transportation,	4,688 91	
Burials,	10 00	
Telephone service,	442 47	
Expenses of adoption of		
children,	81 10	
		\$110,141 61

PARENTAL SCHOOL.

Salaries and wages:

D. P. Dame,
Superintendent, to Feb-
ruary 15, 1911,
inclusive, \$249 99

George C. Mi-
nard, Superin-
tendent, from
February 16,
1911, 1,750 00

Employees, 24,929 28

		\$26,929 27
Food,	10,322 22	
Ice,	188 05	
Clothing and bedding,	1,944 69	
Furniture and household		
supplies,	2,966 90	

<i>Carried forward,</i>	\$42,351 13	\$110,141 61	\$12,189,494 15
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<i>Brought forward,</i>	\$42,351 13	\$110,141 61	\$12,189,494 15
Fuel,	4,843 37		
Light:			
Gas,	\$545 40		
Electric,	215 31		
Oil,	36 18		
	796 89		
Medical and surgical supplies,	635 48		
Printing,	79 77		
Advertising,	8 53		
Stationery,	6 70		
Postage,	120 50		
Instruction and amusement:			
Entertainment of inmates,	\$113 57		
Library and school supplies,	526 35		
	639 92		
Disinfectants,	36 29		
Repairs and improvements,	3,759 38		
Agricultural,	1,303 55		
Express charges,	107 37		
Transportation,	147 35		
Soap and laundry supplies,	500 30		
Telephone service,	188 19		
Rent of Morrison estate,	179 42		
Laundry work,	163 74		
Water rates,	214 80		
		56,082 68	

SUFFOLK SCHOOL FOR BOYS.

Salaries and wages:

Charles A. Rathge, Superintendent, to August 31, 1911, inclusive, \$1,333 36

John J. Ryan, Superintendent, from September 1, 1911, 666 64

Employees, 15,982 82

\$17,982 82

Food, 7,615 86

Ice, 449 21

Clothing and bedding, 846 54

Furniture and household supplies, 1,216 92

Fuel, 3,163 82

Light:

Electric, \$75 41

Oil, 19 93

95 34

Medical and surgical supplies, 327 28

Stationery, 19 35

Postage, 50 00

Religious services, 32 86

Carried forward,

\$31,800 00

\$166,224 29 \$12,189,494 15.

<i>Brought forward,</i>	\$31,800 00	\$166,224 29	\$12,189,494 15
Instruction and amusement:			
Entertainment			
of inmates,	\$114 10	.	
Library and			
school sup-			
plies,	451 07		
		565 17	
Disinfectants,		13 15	
Repairs and improvements,		2,292 80	
Agricultural,		1,512 85	
Express charges,		4 32	
Transportation,		9 24	
Soap and laundry supplies,		153 28	
Telephone service,		100 05	
Laundry work,		1,973 45	
Industries,		3,156 34	
Insurance,		40 00	
			41,620 65
SAWYER MARCELLA STREET HOME FUND,			
INCOME.			
Tuition, etc.,		155 47	
			208,000 41

Institutions Registration Department.

Salaries and wages to January 25, 1912,			
inclusive:			
Charles F. Gaynor, Institu-			
tions Registrar, from No-			
vember 28, 1911,	\$484 90		
Employees,	13,681 57		
		\$14,166 47	
Medical services,		2,936 00	
Horse keeping,		1,623 56	
Transportation,		1,258 30	
Printing,		230 78	
Telephone service,		153 74	
Stationery,		78 18	
Food,		61 95	
Postage,		61 50	
Office expenses,		18 05	
Messenger service,		13 80	
			20,602 33

Steamer "Monitor."

This boat runs from the City to Deer, Long and Rainsford Islands for the accommodation of the City Institutions.

Crew,	\$14,169 60		
Pensions,	158 67		
Rent of Sargent's Wharf,	4,000 00		
Repairs,	3,737 55		
Fuel,	3,211 31		
Hire of steamers during repairs,	1,240 00		
Repairs of wharf,	957 79		
Chandlery and supplies,	692 66		
Telephone service,	94 94		
Electric lighting,	44 10		
<i>Carried forward,</i>	\$28,306 62	\$12,418,096 89	

<i>Brought forward,</i>	\$28,306 62	\$12,418,096 89
Printing,	34 40	
Stationery,	5 11	
		28,346 13

***Eastern Avenue Wharf, Reconstruc-
tion of.***

Total cost, \$15,000.

Balance of payments.

Contractors, Rendle & Stoddard,	\$1,622 95	
Building shelter, fence, etc., Henry S. Clark,	1,562 78	
Repaving approach to wharf, etc.,	600 00	
Painting,	375 00	
Cement,	13 13	
		4,173 86

Interest Tailings.

Not collected when due,	1,450 00
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Law Department.

Salaries:

Thomas M. Babson, Corpora- tion Counsel,	\$9,000 00
John D. McLaughlin, Assist- ant Corporation Counsel, to March 23, 1911, in- clusive,	1,383 34
Joseph J. Corbett, Assistant Corporation Counsel, from March 24, 1911,	4,616 66
George A. Flynn, Assistant Corporation Counsel,	3,225 00
Karl Adams, Assistant Cor- poration Counsel,	2,533 33
Joseph A. Campbell, Assist- ant Corporation Counsel,	2,458 33
William P. Higgins, Assist- ant Corporation Counsel,	2,133 33
David D. Leahy, Assistant Corporation Counsel, to June 1, 1911, inclusive,	922 77
Richard M. Walsh, Assistant Corporation Counsel, from October 2, 1911,	494 45
Charles F. Day, Convey- ancer,	3,750 00
Roscoe P. Owen, Convey- ancer,	3,750 00
Elizabeth M. Taylor, Con- veyancer,	1,920 00
Fisher Ames, Clerk,	2,000 00

		\$38,187 21
Extra legal assistants,		2,520 00
Stenographic and clerical work,		1,300 00

Carried forward,

\$42,007 21 \$12,452,066 88

<i>Brought forward,</i>	\$42,007 21	\$12,452,066 88
Messenger service,	1,140 00	
Books and papers,	665 10	
Telephone service,	504 73	
Printing,	450 71	
Office expenses, copies, etc.,	416 13	
Stationery,	248 05	
Postage,	62 70	
		45,494 63

Library Department.

Salaries to January 25, 1912, inclusive:

Horace G. Wadlin, librarian,	\$5,983 64
Employees,	204,919 94
Pensions,	67 51

\$210,971 09

Binding:

Employees,	\$29,847 17
Stock,	3,602 68
Contract work,	413 09
Insurance,	191 25
Equipment,	73 09
Electric power,	48 20

34,175 48

Printing:

Employees,	\$7,118 22
Stock,	2,998 44
Contract work,	1,105 56
Electric power,	204 50
Insurance,	191 25
Equipment,	17 85

11,635 82

Books,	\$20,630 39
Periodicals,	6,739 11

27,369 50

Rent of branches and reading rooms,

Fuel,	18,005 85
Cleaning,	12,004 51
Furnishings,	9,742 05
	5,581 10

Transportation between Central Library,

Branches and Delivery Stations,	5,347 00
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Repairs,	5,131 26
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Small supplies,	3,730 29
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Gas,	2,904 51
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Freights and cartage,	2,664 14
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Stationery,	2,028 93
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Electric lighting,	1,603 26
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Postage,	968 09
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Telephone service,	773 23
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Traveling expenses,	305 19
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Removing ashes,	300 86
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Grounds,	239 67
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Lectures,	210 93
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Insurance on boilers,	120 00
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Surety bonds and small items,	56 68
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\$355,869 44

Carried forward,

\$12,497,561 51

<i>Brought forward,</i>	\$12,497,561 51
BRANCH LIBRARY, NORTH END.	
<i>Payments on account.</i>	
Purchase of estate, North Bennet street,	\$38,000 00
Architects, Maginnis & Walsh,	1,000 00
	<u>\$39,000 00</u>

LIBRARY BUILDING, DARTMOUTH STREET.

Continuation of payments.

Groups of statuary in bronze and placing same, Bela L. Pratt, on account,	<u>\$6,000 00</u>
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LIBRARY DEPARTMENT, TRUST FUNDS INCOME.

Books and photographs,	\$22,238 59
Newspapers,	1,915 72
	<u>\$24,154 31</u>

PATRICK F. SULLIVAN LIBRARY FUND.

Books,	<u>\$1,070 08</u>
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RECAPITULATION.

Library Department,	\$355,869 44	
Branch Library, North End,	39,000 00	
Library Building, Dartmouth street,	6,000 00	
Library Department, Trust Funds Income,	24,154 31	
Patrick F. Sullivan Library Fund,	1,070 08	
	<u>426,093 83</u>	

Licensing Board.

Salaries:

Ezra H. Baker, Chairman,	\$4,000 00
Fred A. Emery,	3,500 00
Samuel H. Hudson,	3,500 00
Louis Eppe, Secretary,	2,500 00
Clerk hire,	11,035 84
	<u>\$24,535 84</u>

Rent,	6,600 00
Janitor,	1,695 20
Printing,	1,155 32
Stationery,	700 89
Telephone service,	332 04
Advertising,	301 05
Furniture and office expenses,	464 32
Traveling expenses,	131 40
Electric lighting,	63 10
Postage,	50 00
Premiums on surety bonds,	40 00
Expenses of investigations,	21 80
	<u>36,090 96</u>

Liquor License Revenue.

Paid Commonwealth of Massachusetts, being one-quarter of receipts for licenses, less refunds,	\$320,157 51	
Refunded,	4,724 45	
	<u>324,881 96</u>	

<i>Carried forward,</i>	\$13,284,628 26
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Brought forward,

\$13,284,628 26

Market Department.

Payments on account of Faneuil Hall Market and the Market in Faneuil Hall building, exclusive of those for the repairs on the buildings which are charged to Public Buildings.

Salaries:

George E. McKay, Superintendent,	\$3,000 00	
Deputy Superintendent and Weigher,	1,500 00	
Watchmen,	2,031 48	
Weigher,	1,175 01	
Messenger,	976 93	
Janitor,	1,180 54	
		\$9,863 96
Repairs,		447 47
Furnishings and small supplies,		438 37
Electric lighting,		326 30
Gas,		134 23
Telephone service,		131 05
Printing,		44 51
Fuel,		41 75
Police services,		40 00
Typewriting,		13 75
Stationery,		13 41
Postage,		10 00

11,504 80

Mayor.

OFFICE EXPENSES, ETC.

Salaries:

Mayor, John F. Fitzgerald,	\$10,000 00	
Secretary, William A. Leahy,	3,600 00	
Assistant Secretary, Richard F. Field,	2,294 20	
Clerk hire,	4,618 92	
Stenographers,	4,157 20	
Messengers,	448 79	
		\$25,119 11
Automobile expenses,		5,594 09
Office expenses and small items,		1,729 36
Stationery,		1,123 22
Telephone service,		963 50
Stenographic work, indexing, etc.,		836 85
Fire Prevention Commission, expenses,		644 05
Flowers for funerals and public occasions,		606 75
Printing,		587 81
Fire Hazard Commission, expenses,		534 94
Postage,		513 78
Labor Day yacht race, prize cup,		500 00
Messenger service and telegrams,		499 11
Expert services,		445 00
Bronze medallion of Ex-Mayor George A. Hibbard,		305 00
Decorating City Hall in honor of Cardinal O'Connell,		200 00
Books and papers,		182 83

Carried forward,

\$40,385 40 \$13,296,133 06

<i>Brought forward,</i>	\$40,385 40	\$13,296,133 06
Mattresses on roof of Washington School for use of poor during hot weather,	112 50	
Cartage,	19 75	
Carriage and automobile hire, and travel- ing expenses,	3,530 17	
Entertaining guests,	6,584 26	
	<u>\$50,632 08</u>	

BUREAU OF INFORMATION.

Employees,	\$4,516 63
Telephone service,	923 33
Papers, books, etc.,	662 07
Messenger service,	361 68
Traveling expenses,	132 45
Typewriting,	94 66
Postage,	84 96
Stationery,	84 12
Office expenses and small items,	83 10
Printing,	39 77
	<u>\$6,982 77</u>

PUBLIC CELEBRATIONS.

FOURTH OF JULY.

Payments for celebrating the
One Hundred and Thirty-
fifth Anniversary of the
Independence of the
United States, July 4,
1911:

Fireworks,	\$2,007 00
Music, day and evening,	1,001 50
Athletic sports,	703 68
Rowing regatta,	500 00
Sailing regattas,	324 59
Firemen's muster,	205 00
Floral Emblem Society,	200 00
Oration at Faneuil Hall:	
Decorations, music, attendants, etc.,	118 40
Celebrations:	
Wards 1 and 2,	300 75
Ward 6,	100 00
Wards 7, 9, 10 and 12,	363 70
Ward 8,	124 88
Ward 11,	71 20
Wards 13, 14 and 15,	294 59
Ward 22,	174 75
Ward 23,	225 00
Ward 25,	198 16
Printing, stationery, postage, messenger service, etc.,	108 92
Roxbury celebration:	
Parade,	\$1,149 40
Music,	775 50
Refreshments,	240 00
Athletic games,	232 50
Decorations,	75 00

Carried forw'd, \$2,472 40

\$7,022 12

\$13,296,133 06

<i>Brought forw'd,</i>	\$2,472 40	\$7,022 12	\$13,296,133 06
Rent, hall,	50 00		
Badges,	45 25		
Printing and post- age,	7 00		
		2,574 65	
			\$9,596 77

MAY 30, 1911.

For decorating graves, etc.:

Allowed to Grand Army of the Republic:

Post 2,	\$400 00	
Post 7,	400 00	
Post 11,	400 00	
Post 15,	400 00	
Post 21,	347 00	
Post 23,	376 00	
Post 26,	400 00	
Post 32,	400 00	
Post 68,	400 00	
Post 92,	400 00	
Post 113,	400 00	
Post 134,	225 00	
Post 149,	400 00	
Post 159,	385 00	
Post 191,	400 00	
Post 200,	400 00	
		\$6,133 00

Spanish War Veterans,
Camps Nos. 1, 3, 4, 6,
13, 14, 18, 23, 27 and 38,
\$200 each, and No. 53, \$50,

2,050 00

Kearsarge Association of
Naval Veterans,

400 00

Tri-Mountain Garrison No.
98, Regular A. and N. U. of
the U. S.,

300 00

Thomas Francis Meagher
Command No. 3, U. V. U.,

235 00

Gettysburg Command No.
19, U. V. U.,

200 00

Peter Salem Garrison No. 16,
Regular A. and N. U. of
the U. S.,

200 00

Gen. Joseph Hooker Com-
mand No. 9, U. V. U.,

75 00

McKenzie Garrison No. 24,
Regular A. and N. U. of
the U. S.,

75 00

Decorating graves and monu-
ments of former Mayors
Collins and Hibbard, and
of John Boyle O'Reilly,

75 00

9,743 00

SEVENTEENTH OF JUNE, 1911.

Expenditures incurred in celebrating the
One Hundred and Thirty-sixth Anniver-
sary of the Battle of Bunker Hill:

Allowances to organizations parading,	\$2,100 00
Music,	2,013 00
Prizes for features,	550 00

Carried forward,

\$4,663 00

\$19,339 77 \$13,296,133 06

<i>Brought forward,</i>	\$4,663 00	\$19,339 77	\$13,296,133 06
Fireworks,	500 00		
Allowances for features,	360 00		
Decorations,	339 95		
Automobile and carriage hire,	200 00		
Baseball game,	74 00		
Transporting troops,	68 00		
Teaming,	57 50		
Reviewing stand,	55 00		
Permits and small items,	47 00		
Four flags,	42 40		
Hire of horses,	40 00		
Printing and postage,	30 55		

6,477 40

COLUMBUS DAY, OCTOBER 12, 1911.

Erecting stands, etc.	\$1,588 72
Allowances to organizations	
parading,	900 00
Rowing regatta,	400 00
Refreshments,	369 10
Music,	342 50
Attendants,	207 00
Teaming,	145 25
Transportation,	141 00
Decorations,	140 00
Use of chairs,	115 50
Hire of horses,	85 00
Automobile hire,	60 00
Printing,	24 44
Water pitchers and drinking cups,	21 50
Signs,	19 20
Badges,	9 00
Telephone service,	8 77

4,576 98

DORCHESTER DAY, JUNE 10, 1911.

Fireworks,	\$500 00
Athletic games,	463 80
Printing,	255 35
Dorchester Gentlemen's Driving Club, prizes,	250 00
Baseball games,	219 30
Refreshments,	215 68
Badges and buttons,	190 00
Carting stands, etc.,	176 75
Entertainments,	172 00
Decorations,	171 25
Sailing regatta,	126 50
State flag,	75 00
Balloon ascension,	75 00
Municipal ball,	74 74
Music,	67 00
Dorchester Historical Society,	48 42
Use of chairs and small items,	44 35

3,125 14

LABOR'S HOLIDAY, SEPTEMBER 4, 1911.

Allowances to organizations	
parading,	\$1,000 00
Music,	995 80

<i>Carried forward,</i>	\$1,995 80	\$33,519 29	\$13,296,133 06
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<i>Brought forward,</i>	\$1,995 80	\$33,519 29	\$13,296,133 06
Rowing regatta,	500 00		
Refreshments,	240 00		
Teaming stands, etc.,	166 00		
Decorations,	50 00		
Sailing regatta:			
Prize,	\$515 00		
Less charged to			
Mayor's office ex-			
penses,	500 00		
	15 00		
Use of chairs and small items,	9 00		
		2,975 80	

EVACUATION DAY, MARCH 17, 1911.

Allowances to organizations			
parading,	\$1,387 00		
Music,	687 50		
Carriage and horse hire,	231 00		
Installing electric lights on			
monument, Telegraph			
Hill,	150 00		
Allowance to Chief Marshal,	125 00		
Decorations,	80 00		
Refreshments,	66 00		
Electric service,	42 70		
Teaming,	25 00		
Badges,	13 85		
		2,808 05	

PATRIOTS' DAY, APRIL 19, 1911.

Athletic games,	\$390 43		
Fireworks,	265 00		
Music,	100 00		
Decorations,	100 00		
Entertaining guests,	97 75		
Automobile hire,	35 00		
Teaming stand,	25 00		
Labor,	10 00		
Badges,	7 50		
		1,030 68	

MUNICIPAL ATHLETIC ASSOCIATION.

Order of City Council, May 18, 1911.

Base ball:			
Bases, balls, bats, etc.,	\$358 13		
Prizes,	285 60		
	\$643 73		
Swimming races:			
Prizes,	\$290 00		
Flags, boat hire,			
etc.,	38 30		
	328 30		
		972 03	

NINTH REGIMENT, M. V. M.,
FIFTIETH ANNIVERSARY.*Order of City Council, May 18, 1911.*

Music,	\$291 50		
Decorations and small items	208 50		
		500 00	

Carried forward,

\$41,805 85 \$13,296,133 06

Brought forward, \$41,805 85 \$13,296,133 06
 MASSACHUSETTS ASSOCIATION OF MINUTE
 MEN, FIFTIETH ANNIVERSARY, APRIL
 15, 1911.

Order of City Council, May 18, 1911.

Refreshments,	\$282 75	
Printing, etc.,	141 83	
Badges,	50 00	
Music,	25 00	
		499 58

VETERAN FIREMEN'S MEMORIAL DAY,
 JUNE 11, 1911.

Car and carriage hire,	\$168 00	
Music,	100 00	
Flowers,	65 00	
Printing and small items,	41 50	
Badges,	17 80	
		392 30

FIRST REGIMENT VOLUNTEER INFANTRY
 VETERAN ASSOCIATION, FIFTIETH ANNI-
 VERSARY.

Order of City Council May 18, 1911.

Markers,	\$150 00	
Music,	65 00	
Printing,	50 00	
Decorations,	35 00	
		300 00

\$42,997 73

RECAPITULATION.

Mayor,	\$50,632 08	
Bureau of Information,	6,982 77	
Public Celebrations,	42,997 73	
		100,612 58

Music Department.

Musicians,	\$12,735 20	
Clerk hire,	1,422 89	
Attendants,	919 00	
Printing,	833 87	
Teaming,	604 74	
Lectures,	442 55	
Rent of halls,	305 00	
Postage,	81 00	
Telephone service,	68 58	
Musical instruments and music,	57 97	
Office expenses and small items,	53 05	
Stationery,	39 67	
Messenger service,	35 63	
		17,599 15

***New England Sanitary Product
 Company.***

Refund of amount deposited for the faithful performance of contract,		5,000 00
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Old Claims.

For sundry bills which have been audited and allowed in former years, but were not paid until the present finan- cial year,		2,212 25
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<i>Carried forward,</i>		<u>\$13,421,557 04</u>
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Brought forward,

\$13,421,557 04

Overseeing of the Poor Department.

Payments for general expenses of the Overseers of the Poor, and for the Maintenance of the Temporary Home for the Destitute, Chardon street, and the Lodge for Wayfarers which are under the charge of said Board.

General expenses:

Salaries:

Richard C. Humphreys,	
Treasurer,	\$1,000 00
Benjamin Pettee, Secretary,	3,500 00
Clerk hire,	10,477 87
Visitors and agents,	14,202 56
Physicians,	64 00
Employees,	6,428 57

\$35,673 00

	37,806 35
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Subsistence supplies,

Treasurer of the Board, upon requisitions drawn by the Board of Overseers of the Poor,	26,000 00
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For relief furnished by other cities and towns,	12,087 58
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Fuel,	8,738 70
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Expressage,	3,753 52
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Burial expenses,	2,491 30
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Soap,	1,004 46
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Furnishings,	573 59
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Cleaning,	460 53
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Traveling expenses,	382 92
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Printing,	277 68
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Electric lighting,	277 39
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Postage,	150 00
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Telephone service,	100 39
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Examination of accounts,	80 00
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Stationery,	69 27
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Water rates,	69 11
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Gas,	55 54
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Rent,	50 00
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Medical expenses,	45 40
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Insurance on boilers,	37 50
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Papers and small items,	14 04
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 \$130,198 27

TEMPORARY HOME.

Salaries of matron and assistants,

\$2,144 60

Subsistence supplies,	1,732 30
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Medical expenses,	844 95
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Furnishings,	166 64
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Fuel,	132 48
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Gas,	129 17
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Electric lighting,	123 68
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Telephone service,	69 58
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Repairs,	60 73
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Ice,	42 56
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Soap,	41 58
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Clothing and bedding,	28 20
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Water rates,	27 65
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Carried forward,

\$5,544 12

\$130,198 27 \$13,421,557 04

<i>Brought forward,</i>	\$5,544 12	\$130,198 27	\$13,421,557 04
Stationery,	16 34		
Printing,	16 15		
Papers,	10 75		
Postage,	3 00		
		5,590 36	
LODGE FOR WAYFARERS.			
Salaries of Superintendent and assistants,	\$4,886 49		
Subsistence supplies,	3,714 70		
Fuel,	981 23		
Clothing and bedding,	473 70		
Electric lighting,	375 94		
Furnishings,	346 35		
Soap,	312 95		
Gas,	235 32		
Repairs,	229 35		
Ice,	67 80		
Fumigating,	48 03		
Water rates,	36 44		
Printing,	31 32		
Medical expenses,	29 19		
		11,768 81	
			147,557 44

Park Department.

Payments of expenses incurred by the Park Commissioners appointed under an act of the Legislature, approved May 6, 1875, and accepted by the people June 9, 1875.

GENERAL EXPENSES.

John A. Pettigrew, Superintendent,	\$4,200 00		
Assistants,	3,701 73		
Clerk and Secretary, G. F. Clarke,	3,000 00		
Employees,	12,084 84		
Pensions,	110 25		
		\$23,096 82	
Uniforms,		2,191 43	
Printing,		1,195 74	
Telephone service,		1,078 71	
Expert services,		804 32	
Traveling expenses,		670 03	
Office expenses,		644 97	
Stationery,		386 57	
Postage,		268 40	
Advertising,		170 75	
Premium on surety bond,		7 50	
			\$30,515 24
Stables:			
Employees,	\$7,323 74		
Hay, grain and straw,	8,027 87		
Automobile, care and repairs of automobiles,	7,781 67		
Exchange of horses,	40 00		
Harnesses and repairs,	1,323 85		
Cart and repairs of vehicles,	1,064 27		
Shoeing,	711 31		
<i>Carried forward,</i>	\$26,272 71	\$30,515 24	\$13,569,114 48

<i>Brought forward,</i>	\$26,272 71	\$30,515 24	\$13,569,114 48
Stable supplies,	283 10		
Veterinary services,	174 60		
		26,730 41	
OILING ROADS.			
Labor,	\$1,432 29		
Road oil and soap,	8,141 83		
Hired teams,	1,060 47		
Materials,	324 22		
Demurrage,	87 00		
		11,045 81	
MAINTENANCE.			
PARKWAY:			
Labor,	\$52,741 09		
Repairs,	22,342 04		
Teaming,	8,864 36		
Tools, hardware, etc.,	2,120 14		
Fuel,	1,051 58		
Live stock, etc.,	324 10		
Furnishings, etc.,	136 01		
Electric lighting,	92 39		
Gas,	46 81		
Water rates,	11 00		
		87,729 52	
BERNERS SQUARE.			
Labor,	\$12 00		
Teaming,	4 50		
		16 50	
BUSSEY PARK AND ARNOLD ARBORETUM.			
Labor,	\$2,238 39		
Repairs,	318 27		
Tools, hardware, etc.,	68 92		
Teaming,	17 74		
		2,643 32	
CHARLESBANK.			
Labor,	\$11,171 98		
Repairs,	1,469 68		
Furnishings, etc.,	538 42		
Fuel,	460 57		
Tools, hardware, etc.,	449 53		
Teaming,	333 94		
Lighting,	224 61		
		14,648 73	
CHARLESTOWN HEIGHTS.			
Labor,	\$2,644 73		
Repairs,	109 07		
Tools, hardware, etc.,	73 29		
Fuel,	32 00		
Teaming,	28 02		
Lighting,	27 54		
Furnishings, etc.,	17 66		
		2,932 31	
CHESTNUT HILL.			
Labor,	\$3,416 21		
Teaming,	1,742 57		
Repairs,	181 90		
Tools, hardware, etc.,	124 19		
Fuel,	48 24		
		5,513 11	
<i>Carried forward,</i>		\$181,774 95	\$13,569,114 48

<i>Brought forward,</i>		\$181,774 95	\$13,569,114 48
COMMONWEALTH AVENUE.			
Labor,	\$24,820 54		
Teaming,	5,977 60		
Repairs,	3,605 04		
Tools, hardware, etc.,	842 13		
Fuel,	42 21		
		35,287 52	
COMMONWEALTH PARK.			
Labor,	\$1,191 89		
Repairs,	35 73		
Tools, etc.,	28 33		
Teaming,	12 13		
		1,268 08	
COPP'S HILL TERRACES.			
Labor,	\$522 45		
Repairs,	15 72		
Tools,	15 10		
Teaming,	4 73		
		558 00	
DORCHESTER PARK.			
Labor,	\$1,098 95		
Repairs,	35 50		
Tools, etc.,	27 29		
Teaming,	5 18		
		1,166 92	
FRANKLIN PARK.			
Labor,	\$45,434 98		
Repairs,	5,895 63		
Teaming,	2,569 97		
Tools, hardware, etc.,	1,458 33		
Fuel,	1,295 61		
Live stock, etc.,	726 33		
Furnishings, etc.,	287 45		
Lighting,	110 52		
		57,778 82	
FRANKLIN FIELD.			
Labor,	\$20,957 02		
Teaming,	5,008 77		
Repairs,	3,448 06		
Tools, hardware, etc.,	929 41		
Fuel,	540 68		
Live stock,	379 07		
Furnishings, etc.,	107 00		
Electric lighting,	81 60		
		31,451 61	
MARINE PARK.			
Labor,	\$8,534 13		
Repairs,	2,751 56		
Tools, hardware, etc.,	620 14		
Teaming,	336 37		
Gas,	203 65		
Fuel,	197 32		
Water rates,	84 00		
Furnishings, etc.,	49 04		
		12,776 21	
OAK SQUARE.			
Labor,	\$4 50		
Teaming,	9 00		
		13 50	
<i>Carried forward,</i>		\$322,075 61	\$13,569,114 48

<i>Brought forward,</i>		\$322,075 61	\$13,569,114 48
ROGERS PARK.			
Labor,	\$979 15		
Teaming,	778 12		
Repairs,	86 40		
Tools, hardware, etc.,	42 14		
		1,885 81	
SAVIN HILL PARK.			
Labor,	\$2,989 35		
Teaming,	358 75		
Repairs,	275 58		
Tools, hardware, etc.,	79 87		
		3,703 55	
WOOD ISLAND PARK.			
Labor,	\$7,411 61		
Repairs,	374 58		
Fuel,	366 22		
Teaming,	233 88		
Tools, hardware, etc.,	224 04		
Furnishings, etc.,	126 12		
Electric lighting,	100 63		
		8,837 08	
ASHMONT PLAYGROUND.			
Labor,	\$1,863 18		
Repairs,	229 78		
Fuel,	53 88		
Tools, etc.,	52 01		
Teaming,	24 95		
Furnishings, etc.,	9 85		
Gas,	4 69		
		2,238 34	
BILLINGS FIELD.			
Labor,	\$2,142 05		
Repairs,	215 79		
Fuel,	84 42		
Tools, hardware, etc.,	56 96		
Teaming,	21 32		
Electric lighting,	14 40		
Furnishings, etc.,	14 33		
		2,549 27	
CHARLESTOWN PLAYGROUND.			
Labor,	\$2,253 08		
Teaming,	145 44		
Repairs,	125 73		
Tools, hardware, etc.,	64 70		
Fuel,	54 80		
Furnishings, etc.,	32 63		
Electric lighting,	12 43		
		2,688 81	
CHRISTOPHER GIBSON PLAYGROUND.			
Labor,	\$1,599 76		
Repairs,	290 05		
Fuel,	78 39		
Furnishings, etc.,	73 85		
Tools, hardware, etc.,	49 35		
Teaming,	19 41		
Electric lighting,	8 50		
		2,119 31	
<i>Carried forward,</i>		\$346,097 78	\$13,569,114 48

<i>Brought forward,</i>		\$346,097 78	\$13,569,114 48
COLUMBUS AVENUE PLAYGROUND.			
Labor,	\$4,356 80		
Repairs,	1,204 73		
Teaming,	495 38		
Fuel,	233 64		
Tools, hardware, etc.,	148 53		
Furnishings, etc.,	87 30		
Lighting,	31 60		
		6,557 98	
COTTAGE STREET PLAYGROUND.			
Labor,	\$1,536 62		
Repairs,	72 03		
Teaming,	85 44		
Fuel,	49 35		
Tools, hardware, etc.,	41 23		
Gas,	3 78		
		1,788 45	
DUMMY FIELD.			
Labor,	\$199 93		
Rent,	200 00		
Teaming,	65 68		
Repairs,	13 82		
Tools, hardware, etc.,	10 96		
		490 39	
FELLOWS STREET PLAYGROUND.			
Labor,	\$266 51		
Repairs,	92 13		
Tools, etc.,	8 24		
Teaming,	1 64		
		368 52	
FIRST STREET PLAYGROUND.			
Labor,	\$3,176 99		
Fuel,	314 12		
Repairs,	199 19		
Furnishings, etc.,	167 24		
Tools, etc.,	102 09		
Electric lighting,	75 70		
Teaming,	27 54		
		4,062 87	
FOREST HILLS PLAYGROUND.			
Labor,	\$266 91		
Repairs,	29 59		
Teaming,	13 91		
Tools, etc.,	7 09		
		317 50	
MARCELLA STREET PLAYGROUND.			
Labor,	\$2,190 09		
Repairs,	191 05		
Fuel,	117 30		
Tools, hardware, etc.,	59 23		
Furnishings, etc.,	48 53		
Teaming,	44 15		
		2,650 35	
MYSTIC PLAYGROUND.			
Labor,	\$1,465 31		
Fuel,	52 95		
Repairs,	51 86		
Tools, hardware, etc.,	39 50		
<i>Carried forward,</i>	\$1,609 62	\$362,333 84	\$13,569,114 48

<i>Brought forward,</i>	\$1,609 62	\$362,333 84	\$13,569,114 48
Teaming,	17 58		
Lighting,	12 23		
Furnishings, etc.,	11 36		
		1,650 79	
NEPONSET PLAYGROUND.			
Labor,	\$996 33		
Repairs,	107 08		
Teaming,	36 56		
Tools, hardware, etc.,	31 75		
Fuel,	17 43		
Furnishings,	6 80		
		1,195 95	
NORTH BRIGHTON PLAYGROUND.			
Labor,	\$2,274 68		
Teaming,	516 55		
Repairs,	454 19		
Fuel,	212 05		
Tools, hardware, etc.,	97 52		
Furnishings, etc.,	58 47		
		3,613 46	
ORIENT HEIGHTS PLAYGROUND.			
Labor,	\$49 08		
Teaming,	21 50		
		70 58	
PRINCE STREET PLAYGROUND.			
Labor,	\$580 39		
Repairs,	531 14		
Right to use party wall,	200 00		
Shelter and fences, on ac-			
count,	175 00		
Teaming,	40 22		
Tools, etc.,	37 69		
Furnishings, etc.,	4 79		
		1,569 23	
RANDOLPH STREET PLAYGROUND.			
Labor,	\$1,636 16		
Fuel,	218 68		
Repairs,	62 33		
Electric lighting,	53 90		
Tools, hardware, etc.,	45 34		
Teaming,	9 01		
Furnishings, etc.,	3 66		
		2,029 08	
ROSLINDALE PLAYGROUND.			
Labor,	\$1,797 07		
Repairs,	184 87		
Fuel,	54 39		
Tools, hardware, etc.,	47 53		
Teaming,	29 45		
Furnishings, etc.,	7 43		
Gas,	6 47		
		2,127 21	
SAVIN HILL PLAYGROUND.			
Labor,	\$2,063 62		
Teaming,	116 91		
Repairs,	88 66		
Tools, hardware, etc.,	64 92		
<i>Carried forward,</i>	\$2,334 11	\$374,590 14	\$13,569,114 48

<i>Brought forward,</i>	\$2,334 11	\$374,590 14	\$13,569,114 48
Furnishings, etc.,	62 70		
Electric lighting,	45 38		

 2,442 19

WEST FIFTH STREET PLAYGROUND.

Labor,	\$597 90
Repairs,	20 53
Tools, hardware, etc.,	14 20
Teaming,	2 82

 635 45

WEST THIRD STREET PLAYGROUND.

Labor,	\$521 92
Repairs,	18 27
Tools, hardware, etc.,	12 40
Teaming,	2 46

 555 05

WILLIAM EUSTIS PLAYGROUND.

Labor,	\$3,045 84
Repairs,	524 43
Fuel,	120 60
Tools, hardware, etc.,	91 27
Furnishings, etc.,	83 00
Teaming,	74 07
Electric lighting,	18 40

 3,957 61

GYPSY AND BROWN-TAIL MOTH SUPPRESSION.

Labor,	\$7,601 31
Materials,	5,644 46
Teaming,	1,011 87

 14,257 64
MISCELLANEOUS WORK DONE FOR OTHER
DEPARTMENTS AND PRIVATE PARTIES.

Labor,	\$7,428 00
Materials,	594 63
Teaming,	514 00

 8,536 63

 \$404,974 71
CHARLESBANK, ADDITION TO BUILDING
AND SHOWER BATHS.*Continuation of payments.*

Labor,	\$1,363 15
Hardware, tools, etc.,	839 58
Lumber,	132 75
Cement,	8 25
Teaming,	5 00

 \$2,348 73

CHARLESBANK, IMPROVEMENT.

Continuation of payments.

Labor,	\$4,880 64
Brick and concrete walks,	9,675 55
Iron fence,	1,655 62
Loam,	985 34
Teaming,	840 51
Hardware, etc.,	783 27
Lumber,	584 64

Carried forward,

 \$19,405 57

 \$2,348 73 \$13,569,114 48

<i>Brought forward,</i>	\$19,405 57	\$2,348 73	\$13,569,114 48
Sand and cement,	377 82		
Expert services,	109 25		
Manure,	90 08		
Stone,	29 56		
Drain pipe,	25 60		
Gas pipes,	11 00		
		20,048 88	
CHARLESTOWN HEIGHTS, FENCE.			
<i>Payments on account.</i>			
Advertising,		2 90	
CHARLESTOWN PLAYGROUND, SANITARY.			
<i>Total cost, \$6,139.92.</i>			
<i>Balance of payments.</i>			
Labor,		99 75	
COLUMBUS AVENUE PLAYGROUND, GRAD- ING AND GATEWAYS.			
<i>Payments on account.</i>			
Gateways, Contractor, John F. Griffin Company,	\$928 20		
Hardware,	2 10		
		930 30	
COMMONWEALTH AVENUE TREES.			
<i>Payments on account.</i>			
Labor,	\$3,476 27		
Tree pits, Contractor, John J. Lane,	9,958 75		
Loam,	2,967 18		
Tree guards,	584 82		
Teaming,	544 25		
Iron, wire, etc.,	263 76		
Manure,	79 26		
Poles,	77 40		
		17,951 69	
FENS, IMPROVEMENTS.			
<i>Payments on account.</i>			
Labor,	\$2,910 24		
Loam,	4,376 07		
Teaming,	450 50		
Grass seed,	221 30		
Drain pipe,	45 70		
		8,003 81	
FIRST STREET PLAYGROUND, LOCKERS AND GYMNAS TIC APPARATUS.			
<i>Continuation of payments.</i>			
Labor,	\$232 73		
Hardware, tools, etc.,	121 35		
Cement,	19 25		
Teaming,	15 00		
		388 33	
FOREST HILLS PLAYGROUND, LOCKER BUILDING.			
<i>Payments on account.</i>			
Architect, William D. Austin,		350 00	
<i>Carried forward,</i>			\$50,124 39 \$13,569,114 48

Brought forward,
FRANKLIN FIELD, GRADING.
Payments on account.

\$50,124 39 \$13,569,114 48

Labor,	\$3,313 53
Teaming,	390 13
Hardware, etc.,	31 30
Drain pipe,	22 80

3,757 76

FRANKLIN FIELD, LOCKER BUILDING.

*Continuation of payments.**See Playgrounds, Improvements.*

Labor,	\$671 18
Changes in gables and chimneys, Contractor, John F. Griffin Company,	1,131 00
Sand and cement,	395 44
Hardware, etc.,	365 00
Lumber,	189 85
Architects, Stickney & Austin,	75 00
Marble,	30 00
Filling,	24 00
Stone,	11 03

2,892 50

FRANKLIN FIELD, TENNIS COURTS.

Payments on account.

Grading courts, James Driscoll & Son Company,	\$1,760 86
Labor,	159 58
Hardware, etc.,	134 27
Filling,	97 56
Drain pipe,	34 20
Fuel,	18 45

2,204 92

GOVERNOR'S ISLAND, IMPROVEMENTS.

Payments on account.

Labor,	\$1,396 31
Motor boat,	1,775 00
Hardware, etc.,	99 26

3,270 57

LOCKER AND SANITARY BUILDING, STRANDWAY PLAYGROUND.

Payments on account.

Contractor, J. E. Locatelli Company,	\$12,614 00
Labor,	1,235 41
Architect, William D. Austin,	265 00
Hardware, etc.,	159 54
Lumber,	78 36
Drain pipe,	54 53
Printing,	49 67
Brick,	47 25
Teaming,	42 50
Cement,	19 25
Water service pipe,	10 30

14,575 81

Carried forward,

\$76,825 95 \$13,569,114 48

Brought forward, . \$76,825 95 \$13,569,114 48
 MARCELLA STREET PLAYGROUND, GYM-
 NASTIC APPARATUS AND SHOWER BATHS.

Continuation of payments.

Labor,	\$696 00	
Hardware, etc.,	439 22	
Sand and cement,	46 70	
Stone,	27 26	
Lumber,	15 25	
Filling,	13 55	
		1,237 98

MARINE PARK, PIER HEAD, COMPLETION OF.

Continuation of payments.

Stone work, etc., Porter &		
Pearl,	\$2,537 25	
Labor,	30 00	
		2,567 25

MARINE PARK, SANITARY ACCOMMODATIONS.

Payments on account.

Architect, William D. Austin,		25 00
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MYSTIC PLAYGROUND, SANITARY AND
 SHELTER.

Total cost, \$4,487.

Balance of payments.

Labor,	\$95 22	
Hardware, etc.,	4 00	
Lumber,	2 03	
		101 25

MYSTIC PLAYGROUND, SEA WALL AND
 FENCE.

Payments on account.

Labor,	\$2 25	
Advertising,	3 10	
		5 35

NEPONSET PLAYGROUND, FILLING AND GRADING.

Continuation of payments.

Labor,	\$1,219 92	
Filling,	1,779 63	
Teaming,	202 50	
Grass seed,	196 80	
Lumber,	27 08	
		3,425 93

PLAYGROUND ACCOMMODATIONS, WARD 19.

Payments on account.

Expert services,		50 00
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PLAYGROUNDS, IMPROVEMENTS.

Continuation of payments.

BILLING'S FIELD:

Filling,	\$93 60	
Cement,	2 62	
		\$96 22

<i>Carried forward,</i>	\$96 22	\$84,238 71	\$13,569,114 48
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<i>Brought forward,</i>	\$96 22	\$84,238 71	\$13,569,114 48
COLUMBUS AVENUE PLAYGROUND.			
Concrete wall, George T. Rendle,	\$1,100 00		
Architects, Stick- ney & Austin,	75 00		
		1,175 00	
FRANKLIN FIELD LOCKER BUILDING, ETC.			
Labor,	\$1,720 05		
Sand and cement,	271 64		
Hardware, etc.,	88 46		
Teaming,	52 50		
Architects, Stick- ney & Austin,	50 00		
		2,182 65	
WILLIAM EUSTIS PLAYGROUND.			
Sanitary and locker building, Contractor, Louis B. Cad- ario,	\$5,010 25		
Loam,	58 61		
Architect, William D. Austin,	40 00		
Hardware, etc.,	8 75		
		5,117 61	
		8,571 48	
PLAYGROUND, ORIENT HEIGHTS.			
<i>Continuation of payments.</i>			
Filling,	\$6,522 06		
Labor,	2,222 08		
Loam,	494 36		
Drain pipe,	190 54		
Teaming,	142 50		
Grass seed,	86 15		
Lumber,	68 32		
Sand and cement,	8 75		
		9,734 76	
PLAYGROUNDS, WARD 13.			
<i>Continuation of payments.</i>			
West Fifth Street:			
Sanitary, Wilbur J. Hatch,	\$701 25		
Shelter, Wilbur J. Hatch,	470 00		
Labor,	140 67		
Hardware, etc.,	50 06		
Lumber,	14 69		
		\$1,376 67	
West Third Street:			
Sanitary, William L. Morrison Company,	\$833 00		
Shelter, William L. Morrison Com- pany,	453 00		
Labor,	154 28		
Lumber,	14 68		
<i>Carried forw'd,</i>	\$1,454 96	\$1,376 67	\$102,544 95 \$13,569,114 48

Brought forw'd,	\$1,454 96	\$1,376 67	\$102,544 95	\$13,569,114 48
Hardware, etc.,	6 36			
Drain pipe,	5 88			

1,467 20

2,843 87

PLAYGROUND, WARD 16.

Payments on account.

68,274 square feet of land, Dacia and Danube streets,	\$20,482 20
Expert services,	512 06
Labor,	21 63

21,015 89

PLAYGROUND, WARD 17.

*Continuation of payments.**See Playgrounds, Improvements.*

Land damages,	\$1,864 69
Concrete work on building,	350 00
Labor,	13 63

2,228 32

PRINCE STREET PLAYGROUND, IMPROVEMENTS.

Pergola and walks, William L. Morrison Company,	\$2,643 00
Architect, William D. Austin,	307 90
Labor,	49 10

3,000 00

ROGERS PARK, PLANTING AND GRADING.

Payments on account.

Labor,	\$261 93
Loam,	433 36
Teaming,	78 50
Drain pipe,	4 80

778 59

ROSLINDALE PLAYGROUND, SANITARY.

Continuation of payments.

Filling,	\$66 00
Drain pipe,	26 60
Labor,	6 75
Tools,	1 50

100 85

SAVIN HILL PARK, IMPROVEMENTS.

Payments on account.

Labor,	\$1,183 50
Teaming,	107 50
Manure,	75 32
Sand and cement,	13 20

1,379 52

SAVIN HILL PLAYGROUND, IMPROVEMENTS.

Payment on account.

Labor,	9 00
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SEATING ACCOMMODATIONS.

Payments on account.

Labor,	\$76 25
Sand and cement,	99 32
Hardware, etc.,	11 40

186 97

Carried forward,\$134,087 96 \$13,569,114 48

<i>Brought forward,</i>		\$134,087 96	\$13,569,114 48
STRANDWAY PLAYGROUND, GRADING.			
<i>Payment on account.</i>			
Labor,		684 05	
WOOD ISLAND PARK, FLAGPOLE.			
Flag pole,	\$474 00		
Labor,	26 00		
		500 00	
ZOOLOGICAL GARDEN AND AQUARIUM.			
<i>Payments on account.</i>			
AQUARIUM, MARINE PARK.			
Contractor,			
Carroll Con-			
struction			
Company,	\$47,533 27		
Architect, Wil-			
liam D.			
Austin,	3,446 01		
Plans for heat-			
ing and			
ventilating,	805 76		
Printing,	282 64		
Expert services,	191 95		
		\$52,259 63	
ZOOLOGICAL GARDEN, FRANK-			
LIN PARK.			
<i>Payments on account.</i>			
Labor,	\$11,052 08		
Aquatic flying			
cage, New			
England			
Structural			
Company,		8,734 00	
Walls and bear			
dens, John			
A. Rooney,		6,456 60	
Landscape Ar-			
chitect, A. A.			
Shurtleff,		3,818 08	
Hardware,			
tools, etc.,		2,503 23	
Concrete floors			
in bear cages,			
William L.			
Morrison,			
Company,		2,496 88	
Loam,		1,082 31	
Architect, bird			
house, Wil-			
liam D. Aus-			
tin,		1,068 70	
Curator, John			
T. Benson,		866 66	
Teaming,		454 62	
Drain pipe,		367 47	
Lumber,		216 66	
Expert services,		214 50	
Sand, cement			
and stone,		204 06	
Brick,		105 00	
<i>Carried forward,</i>		\$39,640 85	\$52,259 63
		\$135,272 01	\$13,569,114 48

Brought forw'd,	\$39,640 85	\$52,259 63	\$135,272 01	\$13,569,114 48
Fuel,	59 41			
Manure,	11 44			
		39,711 70	91,971 33	
			<u>\$227,243 34</u>	

RECAPITULATION.

Park Department,	\$404,974 71	
Special appropriations,	227,243 34	632,218 05

George F. Parkman Fund, Income.

Unappropriated income in the year 1911, "to be added to and invested as a part of said fund,"	341 29
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Pay Roll Tailings.

Payments to employees not appearing for their money when due, or the money having been held by trustee process,	10,558 73
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Police Department.

Salaries:

Stephen O'Meara, Police Commissioner,	\$6,000 00
Leo A. Rogers, Secretary,	3,000 00
William H. Pierce, Superintendent,	4,025 00
Deputy Superintendents,	9,483 12
Captains,	45,186 16
Lieutenants,	54,507 74
Sergeants,	121,941 37
Inspectors of Police,	55,107 49
Inspectors of hacks, wagons, intelligence offices, pawn-brokers and claims, and assistants and property clerk,	7,936 58
Day and night officers (\$1,000 to \$1,200 per annum),	1,375,153 60
Engineers and firemen on police steamers,	11,681 15
Officers at City Prison,	6,439 89
Stewards at various station houses,	24,570 43
Reserve force,	87,200 02
Pensioned officers,	135,785 51
Matrons,	6,964 16
Drivers,	2,084 00
Hostlers,	8,396 00
Clerk hire,	19,078 51

Total for salaries,	\$1,984,540 73
Less amount deducted for cloth, gloves, caps and helmets furnished officers by the department,	13,879 26

\$1,970,661 47

Carried forward,

\$1,970,661 47 \$14,212,232 55

<i>Brought forward,</i>		\$1,970,661 47	\$14,212,232 55
Horses, etc.:			
Board and feed,	\$8,412 36		
Maintenance and repairs of automobiles,	5,691 64		
Maintenance and repairs of wagons and carriages,	2,329 46		
Purchase and exchange of horses,	1,615 00		
Shoeing,	1,302 32		
Harnesses and repairs,	879 68		
Veterinary services,	693 67		
		20,924 13	
Fuel,		11,904 56	
Repairs of buildings,		11,050 02	
Uniform cloth,		10,162 37	
Telephone service,		8,315 93	
Medical attendance and medicine furnished sick and injured persons,		7,716 06	
Rents,		7,456 23	
Printing,		6,910 27	
Washing and small supplies,		6,471 45	
Clubs, belts, gloves, revolvers, caps and helmets,		5,786 54	
Gas,		5,222 59	
Electric lighting,		4,371 50	
Furniture and furnishings,		4,075 04	
Food for prisoners,		3,014 66	
Stationery,		2,902 84	
Traveling and other expenses of officers,		2,803 68	
Repairs of steamers and small boats,		2,357 65	
Carriage and wagon hire, used in conveyance of prisoners and injured persons, etc.,		2,209 29	
Badges and buttons,		1,566 37	
Office expenses, books, papers, etc.,		1,328 34	
Medical examination and attendance on officers,		1,033 00	
Photographs of criminals and suspicious persons,		977 90	
Ice,		457 62	
Postage,		370 39	
Bicycles and repairs,		364 44	
Expenses in defence of suit,		275 00	
Lectures, "First Aid," etc.,		187 32	
Water rates,		165 90	
Allowance for clothing, torn or destroyed,		103 80	
Advertising,		97 02	
Refreshments for officers,		73 88	
		\$2,101,317 26	
POLICE SIGNAL SYSTEM.			
Labor,	\$28,483 53		
Horses:			
Feed and board,	\$4,268 53		
Shoeing,	1,873 97		
Purchase and exchange of horses,	1,210 00		
Veterinary services,	85 35		
<i>Carried forw'd,</i>	\$7,437 85	\$28,483 53	\$2,101,317 26 \$14,212,232 55

Brought forw'd, \$7,437 85 * \$28,483 53 \$2,101,317 26 \$14,212,232 55
 Harnesses and re-
 pairs, 537 78
 Repairs of vehicles, 1,133 75

	9,109 38	
Rents,	4,680 30	
Wire and cable,	3,076 10	
Chemical and electrical sup- plies,	1,485 51	
Tools, hardware, etc.,	1,433 97	
Repairs and alterations,	1,024 05	
Furniture and furnishings,	590 36	
Fuel,	579 04	
Gas,	551 63	
Car fares,	507 95	
Washing and small supplies,	369 07	
Removing manure and ashes, from stables,	352 17	
Plans,	311 45	
Printing,	277 41	
Uniforms,	81 00	
Stationery,	20 73	
		52,933 65

LISTING VOTERS.

Chapter 279, Acts of 1903:	
Printing,	\$13,113 75
Library Bureau, copying, in- dexing, etc.,	7,636 29
Interpreters,	917 77
Advertising,	766 25
Clerk hire,	599 96
Office expenses,	159 18
Stationery and supplies,	90 20
Telephone service,	86 68
Cartage,	34 60
	23,404 68
	<u>\$2,177,655 59</u>

POLICE CHARITABLE FUND, INCOME.

Payments to beneficiaries,	<u>\$7,639 00</u>
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RECAPITULATION.

Board of Police,	\$2,177,655 59
Police Charitable Fund, Income,	7,639 00
	<u>2,185,294 59</u>

Printing Department.

Salaries to January 25, 1912, inclusive:	
James H. Smyth, Superin- tendent to January 31, 1911, inclusive,	\$41 10
William J. Casey, Superin- tendent, from February 1, 1911,	2,950 46
Employees,	91,661 88
	<u>\$94,653 44</u>

Carried forward,\$94,653 44 \$16,397,527 14

<i>Brought forward,</i>	\$94,653 44	\$16,397,527 14
Printing stock,	19,985 84	
Binding, ruling, etc.,	16,562 47	
Machine room supplies,	4,328 49	
Rent,	3,500 00	
Electrotyping and engraving,	3,269 69	
Type, etc.,	1,304 64	
Electric lighting,	1,183 04	
Press-room supplies,	866 50	
Electric power,	655 89	
Repairs,	487 67	
Furnishings, etc.,	453 96	
Washing towels and cleaning,	413 37	
Gas,	376 98	
Ink,	295 00	
Outside printing,	270 35	
Stationery,	231 48	
Telephone service,	216 97	
Cartage,	201 91	
Water rates,	163 35	
Car fares,	153 57	
Messenger service,	11 51	
Expert services,	10 00	
Postage stamps for sale to departments,	22,000 00	
		171,596 12

Public Buildings Department.

Manus J. Fish, Superintendent,	\$3,600 00	
Clerk hire and messenger,	3,702 07	
Inspectors,	2,800 00	
Assistants at Faneuil Hall,	2,788 00	
Superintendent of janitors,	1,500 00	
Mechanics,	6,625 59	
Janitors, etc:		
Municipal Building, Upham's Corner,	7,342 55	
100 Summer street,	5,632 12	
Old Courthouse,	4,980 85	
Historical Society Building,	4,132 10	
Probate Building,	2,944 00	
Storehouse, Wareham street,	2,420 24	
Old City Hall, Charlestown,	1,843 18	
Building, Washington and Norfolk streets,	1,308 84	
Old State House,	996 84	
Storeroom, City Hall,	792 50	
Charity Building,	721 70	
Milk Inspector's office,	414 75	
Curtis Hall,	388 22	
Soley street,	15 00	
Washington and Richmond streets,	5 00	
		\$54,953 55
City Hall — Engineers, janitors and assistants,	\$20,690 35	
Repairs and alterations,	8,444 30	
Fuel,	6,183 14	
<i>Carried forward,</i>	\$35,317 79	\$54,953 55 \$16,569,123 16

<i>Brought forward,</i>	\$35,317 79	\$54,953 55	\$16,569,123 26
Furniture and furnishings,	5,981 48		
Electric lighting,	4,482 03		
Washing towels,	1,007 05		
Gas,	200 71		
Reviewing stand expenses,	154 62		
Insurance on boilers,	56 00		
Rent of gas machine,	21 25		
		47,220 93	
Rents:			
Tremont Building,	\$10,250 00		
100 Summer street, for the several departments, for- merly in the Old Court- house,	9,046 20		
No. 37 Pemberton square, for use of Police Depart- ment (see Police Depart- ment),	6,407 60		
Huntington Chambers, Milk Inspector and Laboratory, Health Department,	5,000 00		
Carney Building, for Bath Department,	1,800 00		
Lockup, Mattapan,	258 00		
Pound, East Boston,	31 00		
Vault, 88 Summer street, for use of Election Commis- sioners,	416 65		
Kimball Building, Fire Pre- vention Commission,	120 98		
		33,330 43	
Repairs, renewals and alterations of buildings:			
100 Summer street,	\$5,980 72		
Faneuil Hall,	2,881 99		
Municipal Building, Up- ham's Corner,	2,069 06		
Faneuil Hall Market,	1,562 81		
Charity Building,	1,508 18		
Old Franklin School Building,	1,124 52		
Old City Hall, Charlestown,	1,044 81		
Wayfarers' Lodge,	967 40		
Old Courthouse,	769 42		
Probate Building,	451 35		
Old State House,	410 80		
Storehouse, Wareham street,	309 02		
Temporary Home,	279 05		
Roxbury Court House,	250 60		
Building, Washington and Nor- folk streets,	208 02		
Historical Society Building,	206 81		
Westerly Hall,	197 02		
Tremont Building,	192 87		
Scales,	156 17		
Thomas Street Schoolhouse,	145 95		
Old Town Hall, Brighton,	127 16		
Smith Street Schoolhouse,	109 87		
Carney Building,	100 00		
<i>Carried forward,</i>	\$21,053 60	\$135,504 91	\$16,569,123 26

<i>Brought forward,</i>	\$21,053 60	\$135,504 91	\$16,569,123 26
Old Armory Building, Win-			
throp street,	82 10		
Fire house, Main street,	11 97		
Old Cross Street School,	6 02		
		21,153 69	
Furniture and furnishings:			
Curtis Hall,	\$3,641 20		
Storeroom,	2,385 24		
Old Courthouse,	1,148 45		
Faneuil Hall,	997 12		
Tremont Building,	499 61		
Municipal Building, Up-			
ham's Corner,	495 77		
Historical Society Building,	472 19		
Old City Hall, Charlestown,	447 47		
Probate Building,	334 39		
Storehouse, Wareham			
street,	89 75		
Library Building, Ward 22,	76 73		
Faneuil Hall Market,	73 17		
Charity Building,	54 20		
Building, Washington and			
Norfolk streets,	50 12		
Carney Building,	44 90		
Kimball Building,	44 50		
Old Town Hall, Brighton,	21 50		
Old State House,	12 00		
Huntington Chambers,	4 50		
Scales,	3 50		
		10,896 31	
Electric lighting:			
Municipal Building, Up-			
ham's Corner,	\$1,665 14		
Old Courthouse,	1,287 10		
100 Summer street,	701 16		
Historical Society Building,	626 24		
Storehouse, Wareham			
street,	553 29		
Faneuil Hall,	436 51		
Probate Building,	313 13		
Building, Washington and			
Norfolk streets,	242 25		
Tremont Building,	234 87		
Huntington Chambers,	185 70		
Carney Building,	31 40		
Charity Building,	16 20		
Kimball Building,	2 00		
		6,294 99	
Fuel and heating:			
Municipal Building, Up-			
ham's Corner,	\$2,027 26		
Faneuil Hall,	1,457 14		
Storehouse, Wareham			
street,	929 19		
Curtis Hall,	777 75		
Old City Hall, Charlestown,	393 74		
Old State House,	313 38		
Building, Washington and			
Norfolk streets,	271 35		
<i>Carried forward,</i>	\$6,169 81	\$173,849 90	\$16,569,123 26

<i>Brought forward,</i>	\$6,169 81	\$173,849 90	\$16,569,123 26
Old Franklin School Building,	198 54		
Old Town Hall, Brighton,	114 57		
100 Summer street,	7 50		
		6,490 42	
Moving furniture, etc., from Old Courthouse to 100 Summer street and to storage,		1,740 00	
Automobile maintenance,		952 86	
Cartage,		862 75	
Ice,		602 04	
Gas:			
Old City Hall, Charlestown,	\$163 54		
Old Courthouse,	86 60		
Huntington Chambers,	67 08		
Faneuil Hall,	50 34		
Probate Building,	32 58		
Old State House,	16 54		
Historical Society Building,	8 90		
100 Summer street,	3 90		
Westerly Hall,	2 49		
Municipal Building, Upham's Corner,	1 64		
Municipal Building, Washington and Norfolk streets,	16		
		433 77	
Printing,		443 86	
Expert services,		441 55	
Photographs,		409 75	
Disinfectants,		344 50	
Stationery,		324 03	
Telephone service,		280 50	
Removing ashes, etc.,		241 64	
Traveling expenses,		238 10	
Typewriting,		169 50	
Rent, care and maintenance of auxiliary fire alarm system,		150 00	
Postage,		136 40	
Office expenses,		28 80	
Rent of gas regulators,		26 25	
Public clocks, care of,		22 50	
Messenger service,		12 34	
		\$188,201 46	
Ambulance Station, South Boston:			
Employees,	\$4,760 00		
Repairs,	778 02		
Horse keeping,	776 95		
Rent of land,	250 00		
Fuel,	149 92		
Electric lighting,	101 48		
Furnishings,	87 99		
Ice,	72 45		
Telephone service,	47 50		
Removing ashes,	44 03		
Medical supplies,	24 40		
Gas,	15 28		
Water rates,	12 60		
		7,120 62	
<i>Carried forward,</i>		\$195,322 08	\$16,569,123 26

<i>Brought forward,</i>		\$195,322 08	\$16,569,123 26
Armories:			
To the several militia companies — not located in State Armories — for rent of armories,	\$8,409 46		
Allowance for rent of headquarters,	928 02		
		\$9,337 48	
Rent of rifle range and transportation,	4,915 44		
Allowance for light and fuel,	4,091 62		
Janitors,	450 00		
Telephone service,	231 05		
Water rates,	64 40		
Taxes on rifle range,	56 00		
Repairs and alterations, gun-racks, furnishings, etc.:			
Company L, Sixth Regiment,	365 52		
Troop D, First Battalion,			
Cavalry,	158 47		
Troop A, First Battalion,			
Cavalry,	71 68		
Headquarters, Second Brigade,	18 80		
		19,760 46	
Wardrooms:			
Care of rooms,	\$1,857 65		
Repairs,	830 09		
Rents,	700 00		
Electric lighting,	601 49		
Fuel,	318 98		
Furnishings,	271 75		
Water rates,	54 83		
Gas,	3 23		
		4,638 02	
		<u>\$219,720 56</u>	
CITY HALL ANNEX.			
<i>Payments on account.</i>			
Removal of Old Courthouse, Thomas A. Elston Company,		\$1,657 50	
Advertising,		93 58	
		<u>\$1,751 08</u>	
CURTIS HALL, RECONSTRUCTION OF.			
<i>Continuation of payments.</i>			
Contractors, A. Varnerin Company,	\$59,735 55		
Heating and ventilating, James P. Dwyer,	15,475 10		
Plumbing, Michael Ahern,	6,240 70		
Architect, Lewis H. Bacon,	3,349 46		
Electrical work, Edwin C. Lewis, Inc.,	2,754 00		
Cork tile flooring on running track, David E. Kennedy, Inc.,	1,325 00		
Advertising,	4 30		
		<u>\$88,884 11</u>	
<i>Carried forward,</i>			\$16,569,123 26

Brought forward, \$16,569,123 26
 EAST BOSTON COURT HOUSE AND POLICE STATION.
Continuation of payments.

Borings,	\$183 00
Printing,	27 25
Advertising,	25 20
	\$235 45

MUNICIPAL BUILDING, SOUTH BOSTON.

Payments on account.

Land, East Broadway and East Fourth streets,	\$29,125 00
Expert services, examining various sites and negotiating and completing purchase,	728 12
Borings,	124 50
Advertising,	6 20
	\$29,983 82

NEW LIBRARY BUILDING, WARD 22.

Continuation of payments.

Contractor, A. Varnerin Company,	\$5,364 73
Electrical work, Thomas W. Byrne,	977 04
Heating and ventilating, Pierce & Cox,	506 00
Edgestone,	157 50
Care of building,	50 00
Plumbing and small items,	41 39
Printing,	25 61
Advertising,	3 80
Furnishings,	3,714 58
	\$10,840 65

RECAPITULATION.

Public Buildings,	\$219,720 56
Curtis Hall, reconstruction of,	88,884 11
Municipal Building, South Boston,	29,983 82
New Library Building, Ward 22,	10,840 65
City Hall Annex,	1,751 08
East Boston Court House and Police Station,	235 45

351,415 67

Public Grounds Department.

GENERAL EXPENSES.

Salaries:

D. Henry Sullivan, Superintendent,	\$4,000 00
Clerk hire,	2,272 50
	\$6,272 50

Clearing snow,	3,380 70
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Two horses, keeping horses and repairs of vehicles,	3,163 21
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Lawn mowers and repairs, tools, hardware, etc.,	2,452 13
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Automobile repairs, storage and supplies,	1,933 89
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Plank walks, teaming and laying,	1,200 00

Carried forward,

\$18,402 43 \$16,920,538 93

<i>Brought forward,</i>		\$18,402 43	\$16,920,538 93
Stationery,		671 61	
Rent of land, East Cottage street,		600 00	
Fuel and office expenses,		538 23	
Horse hire,		488 50	
Teaming and repairing settees,		378 46	
Traveling expenses,		376 87	
Telephone service,		326 36	
Printing,		246 59	
Rent of playgrounds,		200 00	
Postage,		44 00	
Electric lighting,		15 70	
		\$22,288 75	
<i>Common:</i>			
Laborers,	\$14,094 52		
Repairs,	2,088 16		
Sods and grass seed,	509 90		
Teaming,	455 00		
Gravel,	150 70		
Fertilizer,	14 25		
Loam,	6 00		
		17,318 53	
<i>Public Garden:</i>			
Laborers,	\$13,791 93		
Seeds, plants and bulbs,	3,616 91		
Gravel,	674 00		
Repairs,	586 42		
Teaming,	461 36		
Manure and fertilizer,	239 00		
Sods,	86 79		
Swan food,	22 35		
		19,478 76	
<i>Greenhouses, office, stable, storehouses and nursery:</i>			
Laborers,	\$22,890 88		
Fuel,	1,856 00		
Repairs, tools, etc.,	1,439 42		
Plants, seeds, etc.,	1,113 21		
Teaming and freights,	664 50		
Pots and boxes,	391 06		
Loam,	286 00		
Hot beds,	89 84		
Manure and fertilizer,	78 00		
Electric lighting,	62 00		
		28,870 91	
<i>Street trees:</i>			
Laborers,	\$7,624 10		
Teaming,	319 00		
Materials,	144 42		
		8,087 52	
<i>Extermination of pests:</i>			
Laborers,	\$23,516 08		
Materials, tools, etc.,	15,874 09		
Clerk hire,	4,028 10		
Teaming,	3,023 56		
Printing,	301 82		
Stationery,	126 72		
Traveling expenses,	59 97		
Postage,	41 00		
		46,971 34	
<i>Carried forward,</i>			
		\$143,015 81	\$16,920,538 93

<i>Brought forward,</i>		\$143,015 81	\$16,920,538 93
Refunded assessments,		72 30	
Berwick park:			
Laborers,	\$101 00		
Grass seed,	7 50		
Teaming,	3 50		
Repairs,	3 00		
		115 00	
Blackstone square:			
Laborers,	\$340 94		
Teaming,	93 00		
Repairs,	25 75		
Grass seed,	24 60		
		484 29	
City Hall:			
Laborers,	\$121 50		
Sods,	8 25		
		129 75	
Concord square:			
Laborers,	\$144 97		
Teaming,	39 00		
Repairs,	33 69		
Grass seed,	6 00		
		223 66	
Copley square:			
Laborers,	\$223 25		
Teaming,	10 00		
Grass seed,	6 75		
		240 00	
Fort Hill square:			
Laborers,	\$394 63		
Repairs,	34 42		
Teaming,	15 50		
Fertilizer,	8 50		
Grass seed,	6 63		
		459 68	
Franklin square:			
Laborers,	\$497 13		
Teaming,	37 00		
Grass seed,	27 50		
Repairs,	23 55		
Sand,	12 55		
		597 73	
Massachusetts avenue:			
Laborers,	\$780 43		
Repairs,	142 97		
Grass seed and sods,	46 00		
Teaming,	44 50		
Loam,	20 00		
		1,033 90	
Park square:			
Laborers,	\$26 50		
Sods,	9 00		
		35 50	
Rutland square:			
Laborers,	\$129 36		
Teaming,	24 00		
Grass seed,	6 00		
		159 38	
St. Stephen square:			
Laborers,		18 00	
<i>Carried forward,</i>		\$146,585 00	\$16,920,538 93

<i>Brought forward,</i>		\$146,585 00	\$16,920,538 93
Square, Waltham street:			
Laborers,	\$65 75		
Teaming,	2 50		
		68 25	
Union park:			
Laborers,	\$125 50		
Teaming,	35 50		
Grass seed,	9 60		
Repairs,	3 00		
		173 60	
Worcester square:			
Laborers,	\$142 26		
Grass seed,	14 40		
Teaming,	2 50		
		159 16	
CHARLESTOWN DISTRICT GROUNDS.			
City square:			
Laborers,	\$136 25		
Teaming,	17 50		
Fertilizer,	4 25		
		158 00	
Essex square:			
Laborers,	\$25 00		
Teaming,	3 00		
		28 00	
Hayes square:			
Laborers,	\$39 25		
Teaming,	3 00		
		42 25	
Sullivan square:			
Laborers,	\$369 25		
Repairs,	18 12		
Grass seed,	13 50		
Teaming,	9 50		
		410 37	
Winthrop square:			
Laborers,	\$372 25		
Repairs,	132 38		
Grass seed and sods,	75 70		
Teaming,	10 00		
		590 33	
EAST BOSTON DISTRICT GROUNDS.			
Belmont square:			
Laborers,	\$343 50		
Teaming,	15 00		
		358 50	
Central square:			
Laborers,	\$311 13		
Grass seed,	50 00		
Teaming,	17 00		
		378 13	
Maverick square:			
Laborers,	\$182 00		
Teaming,	19 00		
Repairs,	15 27		
Fertilizer,	4 25		
		220 52	
<i>Carried forward,</i>		\$149,172 11	\$16,920,538 93

<i>Brought forward,</i>		\$149,172 11	\$16,920,538 93
Prescott square:			
Laborers,	\$93 25		
Teaming,	7 50		
		100 75	
Putnam square:			
Laborers,	\$148 50		
Teaming,	7 50		
		156 00	
SOUTH BOSTON DISTRICT GROUNDS.			
Independence square:			
Laborers,	\$790 15		
Bubble fountain,	71 76		
Teaming,	49 50		
Grass seed,	37 50		
Repairs,	22 10		
Loam,	17 50		
Fertilizer,	17 00		
		1,005 51	
Lincoln square:			
Laborers,	\$208 75		
Fertilizer,	4 25		
Grass seed,	2 50		
		215 50	
Telegraph Hill:			
Laborers,	\$1,057 37		
Teaming,	68 50		
Repairs,	58 04		
Grass seed,	37 50		
Signs,	40 00		
		1,261 41	
DORCHESTER DISTRICT GROUNDS.			
Adams square:			
Laborers,		29 75	
Adams street:			
Laborers,		6 75	
Algonquin square:			
Laborers,	\$66 75		
Teaming,	5 00		
Fertilizer,	4 25		
		76 00	
Drohan square:			
Laborers,	\$132 00		
Teaming,	4 50		
		136 50	
Eaton square:			
Laborers,	\$228 75		
Fertilizer,	17 00		
Teaming,	10 00		
Repairs,	5 00		
Grass seed,	3 50		
		264 25	
Florida street:			
Laborers,	\$118 00		
Teaming,	8 50		
		126 50	
<i>Carried forward,</i>		\$152,551 03	\$16,920,538 93

<i>Brought forward,</i>		\$152,551 03	\$16,920,538 93
Magnolia street:			
Laborers,	\$25 50		
Grass seed,	2 80		
		28 30	
Meeting House Hill:			
Laborers,	\$388 37		
Repairs,	31 99		
Teaming,	16 50		
		436 86	
Mount Bowdoin:			
Laborers,	\$202 85		
Fertilizer,	8 50		
Teaming,	8 00		
Grass seed,	6 00		
		225 35	
Peabody square:			
Laborers,	\$36 25		
Teaming,	3 00		
		39 25	
Richardson park:			
Laborers,	\$221 25		
Teaming,	6 50		
		227 75	
Spaulding square:			
Laborers,	\$36 00		
Teaming,	3 00		
		39 00	
Tremlett park:			
Laborers,	\$80 25		
Fertilizer,	8 50		
		88 75	
Wellesley park:			
Laborers,	\$325 63		
Grass seed,	21 25		
Teaming,	19 00		
Fertilizer,	8 50		
Repairs,	5 00		
		379 38	
ROXBURY DISTRICT GROUNDS.			
Bromley park:			
Laborers,	\$202 00		
Grass seed,	26 40		
Teaming,	5 00		
		233 40	
Cedar square:			
Laborers,	\$141 00		
Grass seed,	3 60		
Teaming,	3 00		
Repairs,	2 50		
		150 10	
Elm Hill square:			
Laborers,	\$137 12		
Teaming,	8 00		
		145 12	
Fountain square:			
Laborers,	\$236 75		
Grass seed,	24 50		
Teaming,	6 00		
Repairs,	2 50		
		269 75	
<i>Carried forward,</i>		\$154,814 04	\$16,920,538 93

<i>Brought forward,</i>		\$154,814 04	\$16,920,538 93
Francis street:			
Laborers,		14 28	
Harold square:			
Laborers,		33 75	
Heath street square:			
Laborers,		34 25	
Highland park:			
Laborers,	\$145 00		
Repairs,	11 12		
		156 12	
Lewis square:			
Laborers,	\$56 25		
Grass seed,	8 38		
Repairs,	2 50		
		67 13	
Linwood park:			
Laborers,	\$60 25		
Teaming,	5 00		
		65 25	
Longwood park:			
Laborers,	\$145 00		
Teaming,	12 00		
		157 00	
Madison square:			
Laborers,	\$674 25		
Teaming,	68 00		
Grass seed,	48 00		
Repairs,	16 00		
		806 25	
Orchard park:			
Laborers,	\$364 89		
Teaming,	54 50		
Grass seed,	42 80		
Repairs,	17 49		
		479 68	
Seaver street:			
Laborers,	\$50 25		
Grass seed,	3 00		
		53 25	
Walnut park:			
Laborers,		95 00	
Warren square:			
Laborers,	\$65 63		
Sods,	18 90		
		84 53	
Washington park:			
Laborers,	\$1,002 50		
Teaming,	119 00		
Grass seed,	50 00		
Repairs,	46 30		
		1,217 80	
WEST ROXBURY DISTRICT GROUNDS.			
Centre street:			
Laborers,		58 00	
Oakview terrace:			
Laborers,	\$78 50		
Grass seed,	2 50		
		81 00	
<i>Carried forward,</i>		\$158,217 33	\$16,920,538 93

<i>Brought forward,</i>	\$158,217 33	\$16,920,538 93
Soldiers' monument lot:		
Laborers,	79 75	
South Fairview street:		
Laborers,	32 75	

BRIGHTON DISTRICT GROUNDS.

Brighton square:		
Laborers,	\$149 50	
Loam,	10 00	
Fertilizer,	8 50	
Grass seed,	5 75	
Teaming,	5 00	
		178 75
Fern square:		
Laborers,		88 25
Jackson square:		
Laborers,	\$90 50	
Teaming,	2 50	
		93 00
Sparhawk square:		
Laborers,	\$84 75	
Fertilizer,	8 50	
Teaming,	5 00	
		98 25

\$158,788 08

BOSTON COMMON AND PUBLIC GARDEN, IRRIGATION SYSTEM, ETC.

Continuation of payments.

Labor,	\$7,547 96
Soil work, grading, etc.:	
Coleman Brothers,	\$18,285 38
Boston Contracting Com- pany,	8,390 13
	26,675 51
Landscape Architects and expenses, Olm- sted Brothers,	11,278 75
Resetting curb, Frog Pond, Boston Con- tracting Company,	1,332 60
Tools, hardware and general supplies,	1,037 65
Hose, sprinklers, etc.,	667 38
Teaming,	370 50
Printing,	355 86
Plumbing,	186 00
Lumber,	169 72
Trees, grass seed, etc.,	103 40
Telephone service,	67 84
Advertising,	28 70

Band stand:	
Contractor, William Crane,	\$25,840 00
Architects, Derby, Robinson & Shepard,	1,747 92
F. W. Chandler,	200 00
Clerk of work,	450 00

Carried forward, \$28,237 92 \$49,821 87 \$16,920,538 93

<i>Brought forward,</i>	\$28,237 92	\$49,821 87	\$16,920,538 93
Model,	244 00		
Advertising,	7 70		
		28,489 62	
			\$78,311 49

FENCE, JOSEPH WARREN SQUARE, ROXBURY.

Contractor, F. Krasser & Co.,	\$1,620 00
Architect, Alexander Jenney,	80 00
	\$1,700 00

HIGH FORT OBSERVATORY.

Attendant's office,	\$1,900 00
Masonry, repairing, etc.,	195 50
Advertising,	5 10
Typewriting,	1 25
	\$2,101 85

INDEPENDENCE SQUARE, NEW WALKS.

Continuation of payments.

Labor,	\$65 00
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SEATING ACCOMMODATIONS.

Payments on account.

Advertising,	\$2 40
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STREET TREES.

Payments on account.

Labor,	\$555 51
Tree pits, contractors, Coleman Brothers,	7,098 12
Trees,	2,635 99
Poles and stakes,	1,205 75
Landscape Architects, and expenses, Olmsted Brothers,	896 12
Tree guards,	496 80
Teaming,	143 50
Printing,	102 72
Hardware, tools, etc.,	95 91
Advertising,	6 20
	\$13,236 62

RECAPITULATION.

Public Grounds Department,	\$158,788 08
Boston Common and Public Garden,	
irrigation system, etc.,	78,311 49
Fence, Joseph Warren square, Roxbury,	1,700 00
High Fort Observatory,	2,101 85
Independence square, new walks,	65 00
Seating accommodations,	2 40
Street trees,	13,236 62

254,205 44
Carried forward,

\$17,174,744 37

Brought forward,

\$17,174,744 37

Public Works Department.

CENTRAL OFFICE.

Salaries:

Louis K. Rourke, Superintendent of Streets, to January 31, 1911, inclusive, and Commissioner of Public Works from February 1, 1911, \$8,875 00

Clerks, stenographers, and messengers, 53,180 05
Chauffeur, 1,173 00

Printing, \$63,228 05

Traveling expenses (\$100 of this amount returned to treasury), 3,116 08

Expert services, 1,432 89

Telephone service, 1,325 00

Automobile expenses, 1,305 26

Books, papers and office expenses, 1,162 31

Stationery, 472 09

Postage, 460 10

Electric lighting, 429 77

11 71

\$72,943 26

BRIDGE AND FERRY DIVISION.

BRIDGE SERVICE.

General expenses.

Salaries:

Frederick H. Fay, Division Engineer, from February 1, 1911, \$4,583 33

Less charged to Ferry Service, 2,291 66

\$2,291 67

Supervisor of Bridges, 2,000 00

Supervisor of Construction, 1,814 28

Clerk hire and messenger, 633 84

Engineering, 32,955 40

Pensions, 716 67

\$40,411 86

Employees at yard, 11,155 98

Two automobiles, care and repairs of automobiles, 4,725 66

Tools, hardware and general supplies, 3,390 32

Two horses, and horse keeping, 2,911 59

Carried forw'd, \$62,595 41

\$17,174,744 37

<i>Brought forw'd,</i>	\$62,595 41		\$17,174,744 37
Removing snow and dirt,	1,821 37		
Lumber,	1,713 31		
Printing,	800 15		
Stationery,	522 75		
Telephone service,	384 03		
Traveling expenses,	337 08		
Furnishings and office expenses,	309 73		
Fuel,	147 54		
Postage,	132 15		
Advertising,	108 52		
Electric lighting,	102 58		
		\$68,974 62	
ATLANTIC AVENUE BRIDGE, <i>leading to South Boston.</i>			
Drawtender and assistants,	\$8,840 21		
Repairs,	384 38		
Electric lighting,	55 88		
Supplies,	51 74		
Fuel,	48 19		
		9,380 40	
BROADWAY BRIDGE, <i>leading from Albany street to South Boston.</i>			
Drawtender and assistants,	\$8,870 15		
Repairs,	836 17		
Fuel,	248 60		
Electric lighting,	57 29		
Supplies,	14 03		
		10,026 24	
CHARLESTOWN BRIDGE.			
Drawtender and assistants,	\$11,164 21		
Repairs,	3,136 60		
Supplies,	907 20		
Gas,	88 06		
Fuel,	78 67		
Water,	30 00		
		15,404 74	
CHELSEA BRIDGE, <i>between Charlestown and Chelsea.</i>			
North Draw:			
Drawtender and assistants,	\$8,725 57		
Repairs,	2,190 60		
Fuel,	94 49		
Electric lighting,	46 27		
Supplies,	23 09		
		11,080 02	
South Draw:			
Drawtender and assistants,	\$8,881 13		
Repairs,	1,166 17		
Fuel,	409 82		
<i>Carried forw'd,</i>	\$10,457 12	\$114,866 02	\$17,174,744 37

<i>Brought forw'd,</i>	\$10,457 12	\$114,866 02	\$17,174,744 37
Gas,	44 71		
Supplies,	41 94		
		10,543 77	
CHELSEA STREET BRIDGE, <i>leading from Chelsea street, East Boston, to Byron street, Chelsea.</i>			
Drawtender and			
assistants,	\$5,914 37		
Repairs,	590 87		
Boat,	95 00		
Fuel,	54 39		
Supplies,	40 43		
Electric lighting,	36 60		
		6,731 66	
COMMERCIAL POINT BRIDGE.			
Drawtender,	\$50 00		
Repairs,	631 97		
		681 97	
CONGRESS STREET BRIDGE, <i>across Fort Point Channel.</i>			
Drawtender and			
assistants,	\$8,603 44		
Repairs,	1,330 20		
Fuel,	382 03		
Electric lighting,	44 58		
Supplies,	35 87		
		10,396 12	
DORCHESTER AVENUE BRIDGE, <i>leading to South</i> <i>Boston.</i>			
Drawtenders and			
assistants,	\$8,924 37		
Repairs,	2,513 79		
Supplies,	201 08		
Fuel,	66 20		
Gas,	40 86		
		11,746 30	
DOVER STREET BRIDGE, <i>lead-</i> <i>ing from Dover street to</i> <i>Fourth street, South Boston.</i>			
Drawtender and			
assistants,	\$8,541 80		
Repairs,	3,794 40		
Supplies,	103 85		
Fuel,	46 21		
Gas,	42 27		
		12,528 53	
GRANITE BRIDGE, <i>over Ne-</i> <i>ponset river to Quincy.</i>			
Drawtender,	\$324 30		
Repairs and sup-			
plies,	329 74		
		654 04	
L STREET BRIDGE, <i>from L</i> <i>street to Summer street.</i>			
Drawtender and			
assistants,	\$8,726 08		
Repairs,	1,084 49		
<i>Carried forward,</i>	\$9,810 57	\$168,148 41	\$17,174,744 37

<i>Brought forw'd,</i>	\$9,810 57	\$168,148 41	\$17,174,744 37
Fuel,	423 30		
Supplies,	50 82		
Electric lighting,	47 62		
		10,332 31	
<i>MALDEN BRIDGE, from Alford street, Charlestown, across Mystic river.</i>			
Drawtender and assistants,	\$7,922 08		
Repairs,	710 47		
Fuel, gas and supplies,	142 74		
		8,775 29	
<i>MERIDIAN STREET BRIDGE, leading from Meridian street, East Boston, to Chelsea.</i>			
Drawtender and assistants,	\$9,039 93		
Repairs,	1,479 91		
Fuel and supplies,	88 92		
Gas,	35 07		
Water,	11 20		
		10,655 03	
<i>NEPONSET BRIDGE, over Neponset river to Quincy.</i>			
Drawtender and assistants,	\$602 09		
Repairs and supplies,	439 02		
		1,041 11	
<i>NORTHERN AVENUE BRIDGE, leading to South Boston.</i>			
Drawtender and assistants,	\$9,436 30		
Repairs,	4,581 77		
Electric light and power,	3,979 74		
Fuel,	122 15		
Supplies,	45 15		
		18,165 11	
<i>SUMMER STREET BRIDGE.</i>			
Drawtender and assistants,	\$8,697 72		
Repairs,	1,139 09		
Fuel and supplies,	100 81		
Electric light and power,	54 40		
		9,992 02	
<i>WARREN BRIDGE, leading from foot of Beverly street to Charlestown.</i>			
Drawtender and assistants,	\$8,760 89		
Repairs,	10,641 21		
Fuel,	776 66		
Gas,	104 04		
Supplies,	46 31		
		20,329 11	
<i>Carried forward,</i>		\$247,438 39	\$17,174,744 37

<i>Brought forward,</i>	\$247,438 39	\$17,174,744 37
WESTERN AVENUE AND NORTH BEACON STREET BRIDGES, <i>between Brighton and Watertown.</i>		
Drawtender and assistants,	\$414 84	
Repairs, Western avenue,	941 84	
Repairs, North Beacon street,	329 05	
	1,685 73	
WINTHROP BRIDGE, <i>between East Boston and Winthrop.</i>		
Care,	\$100 00	
Repairs and sup- plies, .	191 10	
	291 10	
CAMBRIDGE BRIDGES.		
<i>Payments of one-half of the cost of the care and mainte- nance of these bridges, the other half being paid by the City of Cambridge.</i>		
BROOKLINE STREET BRIDGE.		
Repairs,	\$366 24	
Electric lighting,	235 85	
Cleaning, etc.,	3 37	
	605 46	
CAMBRIDGE BRIDGE.		
Employees,	\$1,442 91	
Electric lighting,	1,679 56	
Repairs and sup- plies,	245 79	
Gas,	4 80	
	3,373 06	
CAMBRIDGE STREET, NORTH HARVARD STREET AND WESTERN AVENUE BRIDGES, <i>between Brighton and Cambridge.</i>		
Drawtender and assistants,	\$2,791 32	
Repairs, Western avenue,	277 38	
Repairs, North Harvard street,	1,104 72	
Repairs, Cam- bridge street,	2 00	
Electric lighting,	90 00	
Small supplies,	70 03	
	4,335 45	
HARVARD BRIDGE.		
Salaries of draw- tender and assistants,	\$2,962 31	
Repairs and clean- ing,	5,142 94	
Electric lighting,	893 60	
<i>Carried forw'd,</i>	\$8,998 85	\$257,729 19
		\$17,174,744 37

<i>Brought forw'd,</i>	\$8,998 85	\$257,729 19	\$17,174,744 37
Small supplies,	58 12		
Fuel,	23 20		
		9,080 17	

PRISON POINT BRIDGE.

Salaries of draw- tender and assistants,	\$2,841 99		
Repairs and clean- ing,	430 17		
Small supplies,	32 75		
		3,304 91	

Repairs and care of inland
bridges and culverts:

Allston,	\$4,633 36		
Ashland street,	146 62		
Athens street,	65 90		
Austin street,	166 17		
Beacon street, over Boston & Al- bany R. R.,	473 27		
Bennington street,	563 91		
Berkeley street,	72 17		
Berwick park,	59 64		
Blue Hill avenue, over railroad,	83 65		
Bolton street,	9 25		
Boston street,	87 67		
Boylston street, over Boston & Albany R. R.,	140 60		
Broadway, over railroad,	344 57		
Brookline avenue,	192 86		
Byron street,	7 00		
Cambridge street,	21 25		
Columbus avenue,	389 34		
Cottage Farm,	2,212 77		
Cottage street, East Boston,	880 29		
Dartmouth street,	6,050 45		
Dorchester ave- nue,	740 32		
Everett street,	549 90		
Ferdinand street,	865 83		
Gainsb o r o u g h street,	179 42		
Gardner street,	686 24		
Harvard street,	552 88		
Hyde Park ave- nue,	23 29		
Irvington street,	136 50		
Massachusetts avenue, over N. Y., N. H. & H. R. R.,	154 18		
Milton,	1,437 19		
Norfolk street, North,	946 56		

Carried forw'd, \$22,873 05 \$270,114 27

\$17,174,744 37

<i>Brought forw'd,</i>	\$22,873 05	\$270,114 27	\$17,174,744 37
Norfolk street,			
South,	1,091 79		
Oakland street,	12 00		
Perkins street,	28 46		
Reservoir road,	90 84		
Shawmut avenue,	1 50		
Silver street,	42 25		
Southampton street,	68 87		
Summer street,			
over B street,	6 20		
Summer street,			
over C street,			
iron stairs, on			
account;	612 00		
West Fourth street,	541 27		
West Newton street,	231 61		
West Rutland square,	51 25		
		25,651 09	
Public Landing:			
Jeffries Point, rent,		166 66	
			\$295,932 02
FERRY SERVICE.			
Salaries:			
Frederic H. Fay,			
Division Engineer,	\$4,583 33		
Less charged to			
Bridge Service,	2,291 67		
	\$2,291 66		
General foreman,	2,175 00		
Clerk hire,	1,722 03		
Engineering,	788 01		
Employees,	165,697 60		
Pensions,	1,615 80		
		\$174,290 10	
Fuel,		34,538 29	
Repairs of boats,		15,490 51	
Oil, waste and supplies,		8,147 24	
Repairs of buildings and			
drops,		4,366 36	
Electric lighting,		3,911 98	
Teaming, weighing, discharg-			
ing and storing coal,		3,438 22	
Printing,		1,377 16	
Gas,		449 42	
Furnishings,		287 20	
Cartage,		252 07	
Stationery,		227 86	
Telephone service,		223 36	
Keeping horse and repairs of			
vehicles,		207 28	
Premiums on surety bonds,		176 00	
Electric power,		111 32	
Car fares,		60 00	
Use of towboat,		60 00	
<i>Carried forward,</i>	\$247,614 37	\$295,932 02	\$17,174,744 37

<i>Brought forward,</i>	\$247,614 37	\$295,932 02	\$17,174,744 37
Advertising,	7 70		
Postage,	6 00		
		247,628 07	
		<u>\$543,560 09</u>	

HIGHWAY DIVISION.
LIGHTING SERVICE.

Salaries:

James H. Sullivan, Division Engineer,	\$4,874 99		
Less charged to other services,	4,041 69		
	\$833 30		
Supervisor,	2,000 00		
Employees,	7,358 89		
		\$10,192 19	

Electric lighting:			
Edison Electric Illuminating Company,	\$410,134 34		
Charlestown Gas and Electric Company,	25,199 25		
		435,333 59	

Rising Sun Street Lighting Company, furnishing gas, lamps and care of same,	271,950 70		
Underground service pipes which are laid by the gas companies,	2,904 46		

Gas:

Boston Consolidated Gas Company,	\$4,076 70		
East Boston Gas Company,	176 26		
Charlestown Gas and Electric Company,	128 82		
		4,381 78	

Horse and horse keeping,	526 60		
Lamps, mantles, globes, etc.,	342 74		
Traveling expenses,	272 20		
Printing,	129 86		
Stationery, papers, etc.,	122 41		
Electric light construction,	114 52		
Advertising,	67 80		
Telephone service,	64 37		
Street signs and numbers,	53 50		
Wrought-iron work,	44 10		
Postage,	34 00		
Repairs of shop,	23 76		
Tools and small items,	13 13		
Transferred from Sanitary Service,	395 47		

\$726,967 18

Carried forward,

\$726,967 18 \$17,174,744 37

<i>Brought forward,</i>			\$726,967 18	\$17,174,744 37
PAVING SERVICE.				
Salaries:				
James H. Sullivan, Division Engineer,	\$4,874 99			
Less charged to other services,	3,333 32			
	\$1,541 67			
Clerks,	2,532 55			
Permit office,	26,655 94			
Engineering,	24,991 09			
Employees,	561,429 63			
Pensions,	4,745 68			
		\$621,896 56		
Master pavers, for paving, setting edgestone, laying asphalt pavement and concrete sidewalks and crosswalks,		312,280 98		
Paving materials:				
Stone,	\$92,548 06			
Edgestone and cesspool curbs,	17,988 90			
Flagging,	8,718 77			
Brick,	8,678 64			
Lumber,	5,373 92			
Beach gravel,	5,355 65			
Sand and cement,	4,185 16			
Stone blocks,	2,600 33			
		145,449 43		
Stable:				
Hay, grain, straw and board,	\$21,334 52			
Purchase and exchange of horses,	8,296 05			
Shoeing,	4,370 83			
Medicine and medical attendance,	3,943 95			
Ten carts and repairs of wagons, etc.,	2,201 81			
Harnesses and repairs,	1,735 11			
Two automobiles, care and repairs of automobiles,	5,706 29			
		47,588 56		
Teaming other than done by the department, and hire of horses,		39,378 25		
Iron, steel, tools, hardware and general supplies, including repairs of tools,	\$11,037 77			
Fuel,	6,931 39			
<i>Carried forward,</i>	\$17,969 16	\$1,166,593 78	\$726,967 18	\$17,174,744 37

<i>Brought forw'd,</i>	\$17,969 16	\$1,166,593 78	\$726,967 18	\$17,174,744 37
Hire of machinery and tools,	3,837 00			
Oil,	670 58			
		22,476 74		
Gravel and earth for filling and grading,		10,892 50		
Damages,		10,639 30		
Contractors for removing snow,		7,615 33		
Pitch, tarvia, etc.,		6,729 33		
Wharfage and rents,		5,983 72		
Repairs of stables and sheds,		4,289 25		
Printing,		3,730 41		
Stationery,		1,431 64		
Telephone service,		1,355 52		
Traveling expenses,		872 97		
Contractors and mechanics, for construction and repairs of streets, walls, cess-pools, fences and plank sidewalks,		755 78		
Electric lighting,		660 81		
For dumping snow in tide water,		500 00		
Gas,		465 57		
Postage,		423 58		
Furnishings and office expenses,		373 23		
Street signs and numbers,		291 31		
Advertising,		226 30		
Disinfectants,		138 05		
Photographs,		68 00		
Waterproof clothing,		49 77		
Gypsy moth work,		27 18		
Premium on surety bonds,		25 00		
Expert services,		10 00		
Street cleaning,		9 00		
Dumping boat service,		1 25		
Transferred from Sanitary Service,		11,774 51		
		<u>\$1,258,409 83</u>		
Less transferred to Street Cleaning and Oiling Service,	\$6,236 63			
Highways, Making of,	7,601 28			
		<u>13,837 91</u>		
			1,244,571 92	
SANITARY SERVICE.				
Salaries and wages:				
James H. Sullivan, Division Engineer,	\$4,874 99			
Less charged to other services,	3,624 98			
	<u>\$1,250 01</u>			
Supervisor,	2,998 42			
	<u>\$4,248 43</u>			
<i>Carried forw'd,</i>	\$4,248 43		\$1,971,539 10	\$17,174,744 37

<i>Brought forw'd,</i>	\$4,248 43			\$1,971,539 10	\$17,174,744 37
Employees,	406,194 99				
Pensions and annuity,	1,008 69				
		\$411,452 11			
Stable:					
Purchase and exchange of horses,	\$7,110 80				
Hay, straw and grain,	47,003 85				
Eleven wagons and repairs of vehicles,	7,010 33				
Shoeing, other than done by the department,	2,488 70				
Medical attendance and medicine,	925 37				
Automobile and care of automobile,	1,947 87				
		66,486 92			
Disposition of house offal:					
New England Sanitary Product Company,		52,400 00			
Contractors for collecting house dirt and ashes,		71,523 20			
Contractors for collecting offal,		32,257 60			
Hired team work,		35,198 02			
Removal of garbage:					
Repairs of wharf and boats,	\$27,409 74				
Towboats, use of,	4,995 50				
Fuel for boat,	2,970 72				
Supplies,	642 00				
Dredging,	300 00				
Insurance,	21 06				
		36,339 02			
Rents,		17,686 76			
Materials, tools, etc., used in the workshops for manufacturing and repairing carts, wagons, harnesses, and shoeing horses, also in repairing buildings, viz.:					
Iron, steel, axles, springs, horse-shoes, nails, hardware, and repairs,	\$11,379 14				
Lumber, hubs and spokes,	6,917 61				
Saddlery, hardware, leather, horse collars and blankets,	4,217 40				
Paints, oils, etc.,	1,856 79				
<i>Carried forw'd,</i>	\$22,514 15	\$723,343 63	\$1,971,539 10	\$17,174,744 37	

<i>Brought forw'd,</i>	\$22,514 15	\$723,343 63	\$1,971,539 10	\$17,174,744 37
Soft coal,	264 87			
		24,635 81		
Use of dumps,		11,108 60		
Disposition of refuse:				
City Refuse Utilization				
Company,		5,500 00		
Repairs of stables and sheds,		2,854 16		
Printing,		2,424 57		
Fuel,		1,372 25		
Electric lighting,		1,215 12		
Uniform caps,		937 10		
Gas,		708 42		
Buckets, brooms, shovels,				
etc.,		690 34		
Telephone service,		669 93		
Stationery,		529 70		
Electric power,		487 49		
Advertising,		245 42		
Badges,		238 39		
Office expenses and small				
items,		222 59		
Traveling expenses,		172 32		
Postage,		124 26		
Ice,		92 91		
Oil,		87 38		
Disinfectants,		82 35		
Waterproof clothing,		30 12		
		<u>\$777,772 86</u>		
Less transferred				
to Lighting				
Service,	\$395 47			
Paving Service,	11,774 51			
Street Cleaning				
and Oiling				
Service,	35,310 26			
		<u>47,480 24</u>		
			730,292 62	
STREET CLEANING AND OILING SERVICE.				
Salaries and wages:				
James H. Sullivan,				
Division				
Engineer,	\$4,874 99			
Less charged to				
other services,	3,624 98			
	\$1,250 01			
General foreman,	2,048 12			
Employees,	348,667 05			
Pensions and an-				
nuity,	504 00			
		<u>\$352,469 18</u>		
Road oil and soap,		71,407 12		
Hired team work,		67,871 37		
Stable:				
Hay, grain, straw				
and board,	\$22,760 75			
Purchase and				
exchange of				
horses,	11,392 26			
		<u>\$491,747 67</u>		
<i>Carried forw'd,</i>	\$34,153 01	\$2,701,831 72	\$17,174,744 37	

<i>Brought forw'd,</i>	\$34,153 01	\$491,747 67	\$2,701,831 72	\$17,174,744 37
Carts, wagons, cleaning ma- chines, repairs of vehicles,	9,705 19			
Saddlery,	2,478 25			
Shoeing, other than done by the depart- ment,	2,208 25			
Medical attend- ance and med- icine,	761 35			
Two automobiles and mainte- nance of auto- mobiles,	3,980 50			
		53,286 55		
Barrels, buckets, brooms, shovels, etc.,	9,690 54			
Water posts and repairs,	3,493 02			
Uniforms,	2,883 70			
Iron, steel, tools and general supplies,	2,414 16			
Use of dumps,	1,960 31			
Rents,	1,500 20			
Freights and demurrage,	1,185 00			
Printing,	1,084 37			
Fuel,	807 12			
For dumping snow in tide water,	500 00			
Repairs of stables and sheds,	379 45			
Lumber,	371 03			
Stationery,	364 12			
Telephone service,	362 12			
Electric lighting,	223 83			
Badges,	167 61			
Postage,	129 72			
Office expenses and small items,	128 71			
Disinfectants,	105 00			
Repairs of bicycles,	102 85			
Gas,	100 85			
Traveling expenses,	78 34			
Waterproof clothing,	31 47			
Advertising,	13 40			
Transferred from Paving Service,	6,236 63			
Sanitary Service,	35,310 26			
		614,658 03		
		<u>\$3,316,489 75</u>		
SEWER AND WATER DIVI- SION, SEWER SERVICE.				
Salaries and Wages:				
Frank A. McIn- nes, Division				
Engineer,	\$4,583 33			
Less charged to Water Service,	4,167 33			
<i>Carried forw'd,</i>	\$416 00			\$17,174,744 37

<i>Brought forward,</i>	\$416 00	\$17,174,744 37
Clerk hire,	5,583 06	
Employees,	206,702 09	
Pensions and annuities,	2,142 17	
		\$214,843 32
Cleaning catch-basins and sewers,	35,475 92	
Fuel,	17,677 19	
Materials:		
Manhole covers and ironwork,	\$26,712 33	
Lumber,	3,686 02	
Cesspool curbs and stone,	1,901 94	
Sand and cement,	1,314 93	
Brick,	1,077 00	
Drain pipe,	620 44	
Filling, etc.,	65 00	
		35,377 66
Stable:		
Feed and board,	\$8,689 63	
Care and repairs of automobiles,	4,004 24	
Three wagons, cart, buggy, and repairs of vehicles,	3,690 72	
Shoeing,	1,660 20	
Harnesses and repairs,	1,591 67	
Purchase and exchange of horses,	1,375 00	
Medical attendance and medicine,	376 57	
		21,388 03
Tools and repairs, hardware, iron and general supplies,	18,377 68	
Repairs of buildings and wharves,	2,336 30	
Printing,	2,342 19	
Hire of towboats, etc.,	2,112 00	
Waterproof clothing,	1,748 01	
Telephone service,	1,476 86	
Oil,	1,186 34	
Traveling expenses,	1,027 74	
Teaming,	1,016 93	
Keeping east shaft clear of grease,	900 00	
Stationery, papers, etc.,	885 74	
Rents,	850 00	
Furnishings, office expenses, etc.,	514 35	
Postage,	400 26	
Electric light and power,	360 98	
Liability insurance,	348 90	
Gas,	321 27	
<i>Carried forward,</i>	\$360,967 67	\$17,174,744 37

<i>Brought forward,</i>	\$360,967 67		\$17,174,744 37
Repairs of streets, culverts, etc.,	143 14		
Permits,	119 45		
Disinfectants,	89 67		
Advertising,	68 32		
Boat,	62 50		
Borings,	48 00		
Recording papers,	34 50		
Gypsy moth work,	8 53		
	<u>\$361,541 78</u>		
Less transferred to Separate Systems of Drainage,	\$20,542 44		
Sewerage Works,	<u>15,490 48</u>		
	36,032 92		
		\$325,508 86	
WATER SERVICE.			
Salaries and wages:			
William E. Han- nan, Water Commissioner, to January 31, 1911, inclusive,	\$416 67		
Frank A. McIn- nes, Division Engineer, from February 1, 1911 (less \$416 charged to Sewer Service),	4,167 33		
Employees,	<u>471,926 20</u>		
	\$476,510 20		
Castings, Meters:	123,561 22		
New meters,	\$56,415 60		
Repairs and ex- tra parts,	<u>2,695 77</u>		
	59,111 37		
Blasting and excavating pipe trenches and relaying pipes,	45,257 37		
Stable:			
Feed and board,	\$9,135 44		
Buggy, four wag- ons and repairs of vehicles,	2,845 35		
Shoeing,	2,632 18		
Horses, purchase of,	2,545 00		
Harnesses and repairs,	698 42		
Veterinary serv- ices,	548 87		
Two automobiles, care and re- pairs of auto- mobiles,	<u>7,989 17</u>		
	26,394 43		
<i>Carried forward,</i>	\$730,834 59	\$325,508 86	\$17,174,744 37 *

<i>Brought forward,</i>	\$730,834 59	\$325,508 86	\$17,174,744 37
Tools, machinery and repairs of same, iron, steel and hardware,	36,471 44		
Lead and lead pipe,	15,287 55		
Lumber,	6,186 08		
Printing,	4,990 01		
Repairs and alterations of buildings, reservoirs, streets and structures,	3,003 90		
Stationery, papers, etc.,	2,545 84		
Fuel,	2,510 81		
Teaming and freights,	2,327 73		
Transportation of employees,	2,321 02		
Salt,	2,275 00		
Telephone service,	1,974 87		
Gravel and crushed stone,	1,254 61		
Furnishings,	1,139 49		
Rents,	1,076 00		
Electric lighting,	623 80		
Cement and sand,	534 06		
Postage,	408 67		
Oil,	393 85		
Taxes,	347 70		
Professional and expert services,	308 25		
Waterproof clothing,	244 08		
Drinking fountains and fix- tures,	230 00		
Brick,	170 70		
Gas,	144 49		
Advertising,	127 00		
Drain pipe,	89 72		
Ice and small items,	73 13		
Salt hay,	68 59		
Recording papers,	46 75		
Gypsy moth work,	22 72		
Premium on surety bond,	12 50		
	\$818,044 95		
Refunded water rates,	2,307 58		
Interest on debt,	127,280 37		
Damages,	4,332 51		
Metropolitan water assessment:			
Sinking Fund, \$403,226 14			
Serial Bonds, 3,912 01			
Interest, 1,107,789 43			
Cost of main- tenance, 310,435 29			
	1,825,362 87		
		2,777,328 28	
		\$3,102,837 14	

ABOLISHMENT OF GRADE CROSSINGS.

*Continuation of payments on account of the
abolition of grade crossings.*

CONGRESS STREET.		
Expert services,	\$15 00	
<i>Carried forward,</i>	\$15 00	\$17,174,744 37

<i>Brought forward,</i>	\$15 00	\$17,174,744 37
DORCHESTER AVENUE.		
Land damages,	525 00	
EAST BOSTON.		
Land damages,	\$6,400 00	
Expert services,	75 00	
Auditor,	25 00	
	6,500 00	
FREEPORT, WALNUT AND OTHER STREETS.		
Land damages,	\$9,903 37	
Water pipes,	2,642 43	
Work on sewers,	987 02	
Paving,	208 50	
Expert services,	115 00	
Auditor,	75 00	
	13,931 32	
		\$20,971 32
ALBANY STREET BRIDGE.		
<i>Total cost, \$11,313.47.</i>		
<i>Balance of payments.</i>		
Reconstructing, New Eng- land Structural Company,	\$1,423 73	
Roadway, etc.,	56 39	
	1,480 12	
BROADWAY BRIDGE OVER BOSTON & ALBANY RAILROAD.		
<i>Total cost, \$12,657.02.</i>		
<i>Balance of payments for repairing.</i>		
Contractor, George T. Ren- dle,	\$1,665 60	
Hardware, etc.,	62 00	
Repairing fence,	48 82	
	1,776 42	
BROADWAY BRIDGE, REBUILDING.		
<i>Continuation of payments.</i>		
Services of diver,		75 00
CAMBRIDGE BRIDGE.		
<i>Continuation of payments on account of new bridge to Cambridge.</i>		
(Chapter 467, Acts of 1898.)		
Damages,	\$2,500 00	
Expert services,	1,570 00	
Installing gas lamps, mains, etc.,	849 89	
Models,	67 76	
Stenographic work and small items,	26 05	
	5,013 70	
CHARLESTOWN BRIDGE REPAIRS.		
<i>Continuation of payments on account of re- pairing damage by fire.</i>		
Painting,	\$4,160 31	
Structural steel,	3,548 89	
Engineering,	462 00	
<i>Carried forward,</i>	\$8,171 20	\$29,316 56 \$17,174,744 37

<i>Brought forward,</i>	\$8,171 20	\$29,316 56	\$17,174,744 37
Operating machinery,	429 65		
Repairing iron fence,	117 60		
Hardware, tools, etc.,	36 97		

8,755 42

CHELSEA NORTH, TEMPORARY BRIDGE.

Payments on account.

Engineering,	\$1,572 73
Preliminary designs and estimates,	800 00
Borings,	335 00
Engineering expenses,	148 57
Blueprints,	5 04

2,861 34

CHELSEA SOUTH, TEMPORARY BRIDGE.

Continuation of payments.

Engineering,	37 50
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DORCHESTER AVENUE BRIDGE.

Repairing draw fender pier
and fender guard, W. H.

Ellis,	\$3,486 15
Typewriting,	8 75
Advertising,	5 10

3,500 00

DOVER STREET BRIDGE.

Continuation of payments.

Repairing draw span,	\$5,387 59
Lumber,	2,485 84
Temporary draw,	2,191 69
Repairing end lift of draw, roadway gates and frames,	1,351 69
Painting,	1,311 20
Use of cement gun,	766 00
Machinery, hardware, tools, etc.,	318 65
Sand and cement,	241 89
Engineering,	237 67
Repairing sidewalk,	180 00
Employees,	83 02
Advertising,	5 20
Typewriting,	3 75

14,564 19

FOOTBRIDGE, WASHINGTON STREET TO
HYDE PARK AVENUE.*Continuation of payments.*

Bridge guards,	84 02
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MERIDIAN STREET BRIDGE.

*Continuation of payments on account of re-
construction.*

Engineering,	\$5,229 82
Printing,	316 16
Services of diver,	75 00
Advertising,	27 80
Stenographic work,	10 20

5,658 98

Carried forward,

\$64,778 01 \$17,174,744 37

<i>Brought forward,</i>		\$64,778 01	\$17,174,744 37
MYSTIC AVENUE BRIDGE.			
Proportion of cost of alteration and re- building Mystic Avenue Bridge in Boston and Somerville in accordance with report of Special Commission, dated July 9, 1909,		6,720 17	
NEPONSET BRIDGE, REBUILDING.			
<i>Continuation of payments.</i>			
Rebuilding fender piers, W.			
H. Ellis,	\$4,853 84		
Repairing bridge, Lawler			
Brothers,	1,545 00		
Engineering,	120 00		
Advertising,	18 60		
Engineering expenses,	5 24		
		6,542 68	
SUMMER STREET BRIDGE.			
<i>Continuation of payments.</i>			
Painting,		\$2,857 74	
Replanking piers,		1,430 68	
Repairing railings and gates,		901 90	
Engineering,		228 00	
Advertising,		10 40	
Typewriting,		3 75	
			5,432 47
WARREN BRIDGE.			
<i>Continuation of payments.</i>			
Repairing draw foundations, etc., W. H. Ellis,		\$4,105 09	
Lumber,		1,005 67	
Machinery repairs, etc.,		619 38	
Engineering,		330 00	
Lightering,		25 00	
Typewriting,		11 25	
Advertising,		5 00	
			6,101 39
WEST FOURTH STREET BRIDGE.			
Planking, W. H. Ellis,		\$6,465 00	
Stonework,		80 00	
Typewriting,		5 00	
Advertising,		5 00	
			6,555 00
FERRY LANDINGS, REPAIRS.			
<i>Payments on account.</i>			
North Ferry, East Boston,			
Rendle & Stoddard,	\$3,872 00		
Engineering expenses,		8 75	
Advertising,		7 30	
			3,888 05
NEW FERRYBOAT.			
<i>Continuation of payments.</i>			
Contractors, T. S. Marvel Ship Building Company,		\$60,000 00	
Plans, specifications, etc., Swasey, Raymond & Page, Inc.,		1,963 90	
Printing,		341 16	
<i>Carried forward,</i>	\$62,305 06	\$100,017 77	\$17,174,744 37

<i>Brought forward,</i>	\$62,305 06	\$100,017 77	\$17,174,744 37
Engineering expenses,	134 65		
Inspector,	119 00		
Advertising,	30 60		
		62,589 31	
STREET LIGHTING EQUIPMENT.			
<i>Payments on account.</i>			
Lamps, mantles, globes, etc.,	\$117 47		
Controllers,	75 00		
Automatic lighting machines,	72 00		
		264 47	
OLD COLONY AVENUE, CONSTRUCTION OF.			
<i>Continuation of payments.</i>			
Macadam roadway between Dorchester and Hyde streets; Contractor, James Doherty,			
	\$13,220 72		
Engineering,	779 88		
Flagging,	532 19		
Labor,	113 75		
Brick,	65 00		
Engineering expenses,	5 80		
		14,717 34	
SEPARATE SYSTEMS OF DRAINAGE.			
<i>Payments under chapter 383, Acts of 1903, and chapter 485, Acts of 1907.</i>			
Employees,	\$182,037 70		
Materials:			
Drain pipe,	\$11,974 89		
Lumber,	7,075 30		
Sand and cement,	5,386 78		
Brick,	5,075 35		
Filling,	1,145 25		
Cracked stone,	932 75		
Cesspool c u r b s and stone,	500 00		
Manhole covers and ironwork,	338 60		
		32,428 92	
Contractors for constructing sewers:			
Arbutus street,	\$1,072 94		
Blagden and Exeter streets,	5,939 77		
Burlingame way,	463 01		
Byron street,	2,434 79		
Champney street,	1,684 51		
Clifton street,	180 48		
Dyer and Ufford streets,	366 63		
Emmons road,	420 38		
Firth road, cul- vert under,	635 37		
Glenville avenue,	1,047 90		
Harvard street, Dorchester,	6,404 89		
Hunnewell ave- nue,	4,076 95		
Hyde Park ave- nue,	26,271 39		
<i>Carried forw'd,</i>	\$50,999 01	\$214,466 62	\$177,588 89
			\$17,174,744 37

<i>Brought forw'd,</i>	\$50,999 01	\$214,466 62	\$177,588 89	\$17,174,744 37
Johnston road and Harvard street,	5,745 93			
Kent street,	833 89			
Litchfield street,	2,990 43			
Lorette street,	138 52			
Malvern road,	71 33			
Market street, Brighton,	449 41			
Morton, Leslie and Wildwood streets,	1,529 39			
Perthshire road,	495 68			
Private land and Morrison street,	1,565 42			
Quint avenue,	481 26			
Rockview street,	130 68			
Roslindale Brook channel in pri- vate land, etc.,	1,543 68			
St. Botolph street extension,	4,981 18			
St. James avenue and Providence street,	3,257 01			
Stony Brook:				
Canterbury branch, Asy- lum road to Harvard street, etc.,	15,266 41			
Roslindale branch, along N. Y., N. H. & H. R. R., between Ald- rich street and Anawan avenue,	6,078 80			
Section 5, in Whittier street,	3,615 45			
Section 7, from Arborway to and partly along Hyde Park avenue,	59,955 57			
Talbot avenue,	9,823 77			
Temporary trestle under tracks west of Essex street, Brighton,	2,279 96			
Wales street,	87 60			
Washington street, West Roxbury,	880 33			
Western avenue,	11,248 13			
Willow street,	3,914 91			
		187,863 75		
Repairs of streets,		10,861 43		
<i>Carried forward,</i>		\$413,191 80	\$177,588 89	\$17,174,744 37

<i>Brought forward,</i>	\$413,191 80	\$177,588 89	\$17,174,744 37
Hire of machinery and tools,	3,985 35		
Teaming and freights,	3,173 22		
Tools, hardware and general supplies,	2,002 06		
Car fares,	845 92		
Fuel,	845 26		
Borings,	548 40		
Electric service,	319 99		
Rent,	286 00		
Photographs,	146 50		
Printing,	136 44		
Advertising,	97 10		
Oil,	40 84		
Clothing,	30 46		
Telephone,	6 65		
Stationery,	5 30		
Land damages,	10,435 24		
Transferred from Sewer and Water Division, Sewer Service,	20,542 44		
		456,638 97	

SEWERAGE WORKS.

*Payments under chapter 426, Acts of 1897,
and chapter 450, Acts of 1899.*

Employees,	\$129,448 13		
Materials:			
Lumber,	\$10,381 89		
Drain pipe,	8,018 74		
Sand, lime and cement,	6,777 51		
Brick,	4,518 99		
Filling,	1,318 13		
Cracked stone,	947 70		
Manhole covers and ironwork,	745 31		
Cesspool curbs and stone,	57 00		
		32,765 27	
Contractors for constructing sewers:			
Arthur street,	\$19 80		
Bowdoin square east,	867 77		
Branch street,	673 41		
Breed street,	2,793 95		
Brinsley street,	2,424 22		
Cottage side,	522 75		
Edgewater drive,	54 74		
Emmet street,	694 65		
Everett street, Dorchester,	282 34		
Freeport and Conley streets,	907 89		
Geneva avenue,	1,027 62		
Harrison avenue,	106 00		
Jerome street,	357 68		
Lansdowne street,	282 18		
Lubec street,	2,130 82		
Mallon road,	164 09		

Carried forw'd, \$13,309 91 \$162,213 40 \$634,227 86 \$17,174,744 37

<i>Brought forward,</i>	\$13,309 91	\$162,213 40	\$634,227 86	\$17,174,744 37
Norfolk street,	131 44			
Porter street, East Boston,	2,518 08			
Riverside place,	1,196 22			
River street, Dorchester,	793 24			
Rockway street,	1,200 34			
Rockwood and Rosewood streets,	1,490 20			
Southampton street,	68 18			
Watson street,	3,006 19			

\$23,713 80

Catch-basins and drains,	6,626 51			
		30,340 31		

Pumps, valves and repairs at pumping station,	34,131 86			
Hire of machinery and tools,	5,334 16			
Tools, hardware and supplies,	4,287 78			
Teaming and freights,	3,533 78			
Paving and repairs of streets,	1,977 24			
Borings,	889 50			
Fuel,	728 20			
Stationery,	465 70			
Expert services,	441 82			
Electric service,	342 79			
Photographs,	298 45			
Damages by breach of contract,	289 02			
Car fares,	137 79			
Clothing,	83 40			
Advertising,	72 10			
Oil,	56 50			
Rent,	45 00			
Use of dump,	34 85			
Typewriting,	6 25			
Land damages,	5,676 60			
Transferred from Sewer and Water Division, Sewer Service,	15,490 48			

266,876 98

HIGH PRESSURE FIRE SERVICE.

Payments on account.

Employees,	\$5,805 99			
Tools and general supplies,	490 91			
Traveling expenses,	206 10			
Stationery,	66 69			
Office expenses,	64 96			
Printing,	34 45			
Telephone service,	11 13			
Postage,	4 00			

6,684 23

\$907,789 07

Carried forward,

\$17,174,744 37

Brought forward,

\$17,174,744 37

RECAPITULATION.

Central Office,	\$72,943 26
Bridge and Ferry Division,	543,560 09
Highway Division,	3,316,489 75
Sewer and Water Division,	3,102,837 14
Special appropriations,	907,789 07

7,943,619 31

(See, also, items under Street Laying-Out Department.)

Randidge Trust Fund, Income.

Poor children's excursions:	
Refreshments,	\$1,252 11
Attendants,	300 00
Clerk hire,	100 00
Furnishings,	83 28
Water rates at Bumkin Island,	31 64
Telephone service and small items,	14 32

1,781 35

Rapid Transit.*Continuation of payments under chapter 548, Acts of 1894; chapter 500, Acts of 1897, and chapter 190, Acts of 1903.*

EAST BOSTON TUNNEL.

Engineering and inspection,	\$511 32
Masonry, paving, etc.,	5,124 27
Sand and cement,	523 82
Legal expenses,	200 00
Teaming,	149 08
Hardware, tools and supplies,	117 13
Printing,	47 34
Messenger service and small items,	45 84
Lumber, carpentry, etc.,	26 48
Engineering expenses,	17 21
Transferred from Boylston Street Subway,	59 82
	\$6,822 31

Less transferred to Boston

Tunnel and Subway,	\$100 00
Cambridge Connection,	1,740 43

1,840 43

\$4,981 88

RAPID TRANSIT INTEREST AND SINKING FUND.

Interest Payments:

On Subway debt,	\$159,805 00
East Boston Tunnel debt,	109,430 00
Boston Tunnel and Subway debt,	319,573 78
	\$588,808 78

Sinking Fund Payments:

Subway debt,	\$51,945 37
East Boston Tunnel debt,	71,612 52
Boston Tunnel and Subway debt,	7,391 25
	130,949 14

Carried forward,

\$719,757 92 \$25,120,145 03

<i>Brought forward,</i>	\$719,757 92	\$25,120,145 03
City Debt, redemption of, for the payment of installment of Boston Tunnel and Subway Serial Debt,	6,000 00	
	<u>\$725,757 92</u>	

BOSTON TUNNEL AND SUBWAY.

Continuation of payments under chapter 534, Acts of 1902.

Engineering and inspection,	\$287 68
Expert services,	1,586 00
Masonry, repairing, etc.,	593 14
Damages,	500 00
Printing,	268 30
Insurance,	64 00
Messenger service and small items,	34 58
Tools, hardware and general supplies,	29 94
Land damages,	26,267 05
Transferred from East Boston Tunnel,	100 00
Boylston Street Subway,	29 91

\$29,760 60

Less transferred to Cambridge Connection, 451 56

\$29,309 04

BOYLSTON STREET SUBWAY.

Continuation of payments on account under chapter 573, Acts of 1907, and chapter 741, Acts of 1911.

Salaries:

Engineering,	\$13,435 98	
Employees,	50 70	
	<u></u>	\$13,486 68

Borings,	1,075 30
Printing,	923 34
Tools, hardware and general supplies,	661 67
Expert services,	365 53
Stationery, books, etc.,	226 83
Legal services,	150 00
Engineering expenses,	76 49
Advertising,	16 70
Messenger service,	11 85
Interest on debt,	20,300 00
Transferred from Cambridge Connection,	14,752 05

\$52,046 44

Less transferred to East

Boston Tunnel,	\$59 82	
Boston Tunnel and Subway,	29 91	
Dorchester Tunnel,	10,662 68	
East Boston Tunnel Extension,	4,134 64	
	<u></u>	14,887 05

\$37,159 39

CAMBRIDGE CONNECTION.

Continuation of payments under chapter 520, Acts of 1906.

Salaries:

Commissioners,	
George G. Crocker, Chairman,	\$5,000 00

<i>Carried forward,</i>	\$5,000 00	<u>\$25,120,145 03</u>
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<i>Brought forward,</i>	\$5,000 00	\$25,120,145 03
George F. Swain,	5,000 00	
Horace G. Allen,	5,000 00	
Josiah Quincy,	5,000 00	
James B. Noyes,	5,000 00	
B. Leighton Beal, Secretary,	3,500 00	
Edmund S. Davis, Engineer,	5,916 67	
Engineering and inspection,	37,647 73	
Employees,	9,886 29	
		\$81,950 69
Contractors:		
Section I., tunnel under Beacon Hill, Patrick McGovern,	73,496 19	
Section II., Beacon Hill Tunnel station, near Park and Tremont streets, and other work, Coleman Brothers,	268,667 45	
Escalators, Otis Elevator Company,	6,875 00	
Cement, sand and quartz,	39,092 65	
Tools, machinery, hardware and general supplies,	31,945 92	
Masonry, repairing, etc.,	10,408 82	
Rent of offices,	6,300 00	
Temporary tracks, posts, wires, etc.,	4,524 17	
Pitch, felt, etc.,	3,215 99	
Printing,	2,539 93	
Teaming and freights,	1,509 97	
Lumber,	1,287 73	
Electric light and power,	831 01	
Legal services,	770 00	
Stationery, books, etc.,	682 34	
Office expenses,	641 10	
Drain pipe,	591 37	
Hydrants, pipes, etc.,	571 33	
Telephone service,	526 43	
Postage,	333 97	
Water,	275 06	
Fuel,	237 81	
Stone,	183 61	
Architect's services,	172 35	
Brick,	125 00	
Engineering expenses,	87 01	
Electrical work,	64 16	
Insurance,	40 00	
Borings,	16 43	
Advertising,	13 10	
Land damages,	6,982 00	
Interest on debt,	33,203 47	
Transferred from Boston Tunnel and Subway,	451 56	
East Boston Tunnel,	1,740 43	
		\$580,354 05
Less transferred to Boylston Street Subway,	\$14,752 05	
Dorchester Tunnel,	109 78	
East Boston Tunnel Extension,	86 65	
Subway, Park street to South Station,	3 12	
Subways, Dorchester and South Boston,	3 13	
<i>Carried forward,</i>	\$14,954 73	\$580,354 05 \$25,120,145 03

<i>Brought forward,</i>	\$14,954 73	\$580,354 05	\$25,120,145 03
Boston and Eastern Electric Railroad Company Tunnel Fund,	3 00		

14,957 73

\$565,396 32

DORCHESTER TUNNEL.

Payments on account under chapter 741, Acts of 1911.

Engineering,	\$674 48
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Expended under authority of chapter 97, Resolves of 1910, and by assent of Boston Elevated Railway Company to be included in cost of Dorchester Tunnel,	1,665 43
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Expended under authority of chapter 94, Resolves of 1910, and by section 3 of chapter 741, Acts of 1911, to be included in cost of Dorchester Tunnel,	532 47
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Transferred from Boylston Street Subway (Riverbank Subway),	10,662 68
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Transferred from Cambridge Connection,	109 78
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\$13,644 84

EAST BOSTON TUNNEL EXTENSION.

Payments on account under chapter 741, Acts of 1911.

Engineering,	\$31 97
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Transferred from Boylston Street Subway (Riverbank Subway),	4,134 64
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Transferred from Cambridge Connection,	86 65
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\$4,253 26

SUBWAY, PARK STREET TO SOUTH STATION.

Balance of payments on account of making studies, plans and estimates of cost for the construction of a subway from the present subway station at Park street to the South Station, under authority of chapter 94, Resolves of 1910, as amended by *chapter 139, Resolves of 1910,*

\$161 34

SUBWAYS, DORCHESTER AND SOUTH BOSTON.

Balance of payments on account of giving public hearings, investigating and making report on a route for a subway or tunnel to the Dorchester district, including such connections with the South Boston district as public interest may require (*chapter 97, Resolves of 1910*),

\$315 13

BOSTON AND EASTERN ELECTRIC RAILROAD COMPANY, TUNNEL FUND.

Chapter 630, Acts of 1910.

Copies,	\$77 35
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Employees,	14 00
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Transferred from Cambridge Connection,	3 00
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\$94 35

Carried forward,

\$25,120,145 03

Brought forward,

\$25,120,145 30

RECAPITULATION.

Rapid Transit,	\$4,981 88
Rapid Transit Interest and Sinking Fund,	725,757 92
Boston Tunnel and Subway,	29,309 04
Boylston Street Subway,	37,159 39
Cambridge Connection,	565,396 32
Dorchester Tunnel,	13,644 84
East Boston Tunnel Extension,	4,253 26
Subway, Park street to South Station,	161 34
Subways, Dorchester and South Boston,	315 13
Boston and Eastern Electric Railroad Company, Tunnel Fund,	94 35

1,381,073 47

Refunds.

Amounts refunded on the following accounts:
(See Taxes.)

Highways, making of, assessments,	\$93 '08
License fees,	15 00
Sewerage works, assessments,	12 95
Sidewalk permit,	10 00
Sidewalk assessments,	5 69
Permit fee,	2 85

139 57

Registry Department.

Salaries:

Edward W. McGlenen, City Registrar,	\$4,000 00
Assistant registrars, clerks, messenger and constables,	21,951 73

\$25,951 73

Fees paid for birth returns,	4,405 75
Printing and binding,	2,779 10
Collecting number of births and tabulating,	1,650 00
Postage,	1,339 93
Stationery,	655 70
Typewriting,	572 32
Labor, moving records, files, etc.,	157 50
Telephone service,	152 28
Traveling expenses,	118 60
Books, papers, and office expenses,	106 48
Advertising,	18 60
Cartage,	10 50
Premium on surety bond,	5 00

37,923 49

Reserve Fund.

DAMAGE SETTLEMENTS.

For judgments against the city and settlements by compromise, or otherwise, of claims for damages to persons and property on account of:

Public Works Department:

Paving Service,	\$18,225 09
Sewer Service,	8,132 33
Ferry Service,	3,278 17
Sanitary Service,	856 72
Bridge Service,	432 14
Street Cleaning and Oiling Service,	173 00

\$31,097 45

Carried forward,

\$31,097 45 \$26,539,281 56

<i>Brought forward,</i>	\$31,097 45	\$26,539,281 56
Fire Department,	1,055 76	
Public Grounds Department,	345 82	
Bath Department,	75 00	
Hospital Department,	40 00	
Park Department,	21 00	
	\$32,635 03	
For court fees, expert witnesses and other legal expenses,	18,776 61	
Ice for drinking fountains (<i>Order of City Council, May 18, 1911</i>):		
Ice,	3,528 45	
Pensions to employees of the Water Service of the Public Works Department, under <i>chapter 113 of the Acts of 1911</i> ,	3,465 15	
Millie B. Cheswell, widow of William T. Cheswell, late Chief of the Fire Department, who died from injuries received while in the performance of his duties (<i>chapter 288 of the Acts of 1911 and Order of the City Council, September 23, 1911</i>),	3,000 00	
Pension, James H. Dodge, former City Auditor (<i>chapter 388 of the Acts of 1907 and Order of the City Council, January 4, 1908</i>),	1,188 00	
Philadelphia City Planning Exhibition, preparing and installing exhibit (<i>Order of City Council, March 21, 1911</i>),	748 55	
Moving statue of Edward Everett from Public Garden to Edward Everett square, Dorchester (<i>Orders of the City Council, July 7 and November 1, 1910</i>),	676 13	
Margaret Donaghue, widow of George A. Donaghue, late an employee of the Street Cleaning Department, who died from injuries received while in the performance of his duties (<i>chapter 171, Acts of 1911, and Order of City Council, November 28, 1911</i>),	500 00	
Greater Boston Real Estate and Ideal Homes Exposition, expense of special exhibition of views of public buildings,	400 00	
Catherine Duffy, widow of Charles Duffy, who died from injuries received while in the performance of his duties as an employee of the city (<i>chapter 92 of the Acts of 1911 and Order of the City Council, March 21, 1911</i>),	350 00	
Pension, E. Bradford Gay, a veteran of the Civil War, and late master of the Warren Grammar School (<i>chapter 239 of the Acts of 1911 and Order of the City Council, June 12, 1911</i>),	331 66	
Recording deeds and papers,	135 20	
		65,734 78

Schools and Schoolhouses.

Payments for carrying on the Public Schools.

SALARIES OF OFFICERS OF SCHOOL COMMITTEE.

Stratton D. Brooks, Superintendent,	\$6,000 00	
<i>Carried forward,</i>	\$6,000 00	\$26,605,016 34

<i>Brought forward,</i>	\$6,000 00	\$26,605,016 34
Jeremiah E. Burke, Assistant Superintendent,	4,500 00	
Walter S. Parker, Assistant Superintendent, and Acting Superintendent from April 1 to September 1, 1911,	4,812 50	
Augustine L. Rafter, Assistant Superintendent,	4,500 00	
Ellor Carlisle Ripley, Assistant Superintendent,	4,500 00	
Frank V. Thompson, Assistant Superintendent,	4,500 00	
Maurice P. White, Assistant Superintendent,	4,500 00	
Thornton D. Apollonio, Secretary,	3,780 00	
William J. Porter, Auditor,	3,780 00	
William T. Keough, Business Agent and Acting Auditor,	4,500 00	
Assistants to Secretary, Auditor, Superintendent, Business Agent, etc.,	26,929 07	
Truant officers,	31,928 91	
Messengers,	3,580 00	
Assistants, Supply Department,	3,813 01	
Charles H. Slattery, City Treasurer, Custodian of the Teachers' Retirement Fund (<i>chapter 237, Acts of 1900</i>),	999 99	
Mark B. Mulvey, School-house Custodian,	2,004 00	
Clerk to Custodian,	791 67	
Newsboys' Trial Board,	96 50	
		\$115,515 65

SCHOOL INSTRUCTORS.

Payments for salaries.

Latin and High Schools,	\$796,840 94
Elementary Schools,	2,188,369 73
Horace Mann School for the Deaf,	20,959 62
Continuation School,	1,792 80
Franklin Park School,	206 00
Special instructors:	
Music,	17,716 38
Drawing,	7,003 91
Kindergarten director,	1,723 50
Manual training,	92,731 87
Trade School for Girls,	24,766 84
Pre-Apprentice School,	4,199 00
Household science and arts,	2,034 75
Vocational guidance,	1,919 67
Supervisor of substitutes and assistant,	4,994 41
Director of continuation and evening schools,	2,840 00

<i>Carried forward,</i>	\$3,168,099 42	\$115,515 65	\$26,605,016 34
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<i>Brought forward,</i>	\$3,168,099 42	\$115,515 65	\$26,605,016 34
Medical inspector,	1,008 00		
Kindergarten maids,	3,734 70		
Clerical assistants,	100 00		
Evening Schools:			
Evening High,	35,138 00		
Elementary,	55,227 50		
Industrial,	8,999 00		
		3,272,306 62	

SUPPLIES AND INCIDENTALS.

Books for schools and school libraries,	\$99,681 14		
Printing, drawing materials and stationery:			
Stationery, including record books,	\$44,554 69		
Drawing materials, instruments, models, and designs.			
and drawing boards,	12,722 68		
Printing,	14,374 16		
		71,651 53	

Supplies and equipment:

Trade School for Girls,	\$7,362 62		
Cooking,	7,002 76		
Commercial classes in High Schools,	3,438 90		
Kindergarten,	2,271 41		
Sewing,	1,099 72		
Pre-Apprentice School in Printing and Bookbinding,	453 12		
Special,	81 32		
General education purposes,	923 21		
		22,633 06	
Manual Training Schools, tools, lumber and supplies,	20,482 33		
Brooms, tools and supplies,	14,807 33		
Tuition paid towns,	8,977 74		
Philosophical, chemical, photographic and mathematical instruments, chemicals and botanical specimens,	7,472 30		
Typewriters,	6,894 25		
Removing ashes from schoolhouses,	5,432 79		
Two automobiles and maintenance,	4,505 48		
Office equipment and supplies,	4,415 06		
Pianos, repairing and tuning,	4,174 75		
Maps, charts and globes,	4,028 56		
Car fares and ferry tolls,	3,838 51		

<i>Carried forward,</i>	\$278,994 83	\$3,387,822 27	\$26,605,016 34
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<i>Brought forward,</i>	\$278,994 83	\$3,387,822 27	\$26,605,016 34
Supply Department employees,	3,180 00		
Postage,	3,130 18		
Traveling expenses of Superintendent, Assistants, etc.,	2,829 60		
Telephone service,	2,136 07		
Engraving, printing and filling out, and ribbons for diplomas,	2,130 39		
Publishing proceedings of School Board,	1,971 01		
Taking school census,	1,700 00		
Flags,	976 96		
Washing towels and small items,	933 93		
Teachers' examinations,	885 65		
Permanent school exhibit,	658 15		
Cartage and freights,	463 19		
Right to print "A Course in Household Arts,"	360 00		
Badges,	263 75		
Chemist,	254 00		
Expenses of Committee on Vocational Guidance,	227 66		
Advertising,	219 50		
Clerical assistance and small items,	203 69		
Expenses of Committee on Elementary School plans,	120 34		
Lectures,	108 00		
Premiums on surety bonds,	60 00		
Rent of school, Spectacle Island,	48 00		
Medical supplies,	43 21		
School Committee, refreshments,	139 05		
		302,037 16	
NURSES.			
Salaries,	\$28,056 50		
Supplies,	614 95		
Traveling expenses,	400 00		
Printing,	125 50		
Admission fees to School for Social Workers,	30 00		
Postage,	20 00		
Stationery,	18 00		
		29,264 95	
PHYSICAL EDUCATION, SPECIAL.			
<i>See Physical Education.</i>			
Instructors:			
Physical training,	\$6,318 79		
Military tactics and armorer,	592 00		
Playgrounds,	3,403 15		
	\$10,313 94		
Janitors,	312 18		
Clerk hire,	140 00		
Repairs and improvements,	6,094 81		
<i>Carried forward,</i>	\$16,860 93	\$3,719,124 38	\$26,605,016 34

<i>Brought forward,</i>	\$16,860 93	\$3,719,124 38	\$26,605,016 34
Materials, apparatus, etc.,	2,668 62		
Printing,	412 62		
Military expenses,	13 80		
		19,955 97	
Salaries of janitors,		261,463 71	
FUEL AND LIGHT.			
Fuel,	\$119 937 72		
Testing coal,	1,123 76		
Weighing and receiving coal,	75 11		
	\$121,136 59		
Electric light,	24,193 31		
Electric power,	4,131 56		
Gas,	5,945 27		
		155,406 73	
		<u>\$4,155,950 79</u>	

PENSIONS TO TEACHERS.

*Chapter 589, Acts of 1908, and chapter 617,
Acts of 1910.*

Pensions,	\$55,350 31
Treasurer of the permanent pension fund, amount not needed for the purpose of paying pensions to teachers during the year 1911,	12,420 53
	<u>\$67,770 84</u>

PHYSICAL EDUCATION.

Chapter 295, Acts of 1907.

Instructors:		
Physical training,	\$28,128 72	
Playgrounds,	10,180 05	
Military tactics and armorer,	3,591 73	
		\$41,900 50
Janitors,		1,517 19
Clerk hire,		700 00
Materials, apparatus, etc.,		4,984 89
Repairs and improvements,		3,938 64
Military expenses,		714 59
Traveling expenses,		300 00
Printing,		85 32
Postage,		53 32
Cartage and small items,		15 13
Stationery,		7 09
		<u>\$54,216 67</u>

BOWDOIN DORCHESTER SCHOOL FUND, INCOME.

Payments for school supplies, etc.

Furnishings,	\$729 29
Books,	470 14
	<u>\$1,199 43</u>

Carried forward,

\$26,605,016 34

<i>Brought forward,</i>		\$26,605,016 34
EASTBURN SCHOOL FUND, INCOME.		
Aid and assistance to deserving and poor scholars to finish their education in the Normal School,	\$150 00	
FRANKLIN MEDAL FUND, INCOME.		
Medals,	\$29 71	
GIBSON SCHOOL FUND, INCOME.		
<i>Payments for school supplies, etc.</i>		
Books,	\$2,242 78	
Furnishings,	1,485 47	
Philosophical instruments and maps,	925 09	
	<u>\$4,653 34</u>	
HORACE MANN SCHOOL FUND, INCOME.		
Traveling expenses, etc.,	\$168 95	
Books,	7 52	
	<u>\$176 47</u>	
SCHOOLHOUSE DEPARTMENT.		
Schoolhouse Commission:		
Charles Logue, Chairman,	\$4,000 00	
John F. Kennedy,	3,500 00	
Charles Bruen Perkins,	3,500 00	
Clerk hire and messenger,	2,735 00	
Employees,	18,301 17	
	<u>\$32,036 17</u>	
<i>Alterations, repairs, furniture and rents.</i>		
Rents,	27,095 74	
Heating and ventilating,	51,081 16	
Carpentry and materials,	50,627 30	
Furniture and furnishings,	45,905 56	
Plumbing,	37,227 51	
Painting and glazing,	34,643 22	
Masonry, whitening, concreting and materials,	26,752 11	
Iron and metal work,	18,813 66	
Roofing,	14,647 71	
Gas and electric fixtures, piping and repairs,	14,518 36	
Locksmithing, electric bells and telephone systems,	6,854 08	
Blackboards and repairs,	5,762 13	
Fire protection,	5,097 64	
Insurance on boilers,	3,634 29	
Care of automobile and supplies,	3,420 79	
Traveling expenses,	2,615 83	
Rent of offices,	\$4,500 00	
Less charged to Land and Buildings for Schools,	2,250 00	
	<u>2,250 00</u>	
Cartage,	1,616 82	
Printing,	1,334 81	
Removing snow and dirt and cleaning,	1,329 52	
Care of grounds,	1,230 20	
Flagstaffs,	1,175 87	
	<u>\$389,670 48</u>	
<i>Carried forward,</i>		\$26,605,016 34

<i>Brought forward,</i>	\$389,670 48	\$26,605,016 34
Telephone service,	809 35	
Stationery, papers, etc.,	738 36	
Janitors of old buildings,	598 01	
Extermination of gypsy moths,	569 00	
Postage,	427 70	
Expert services,	390 00	
Electric lighting,	303 25	
Horse keeping,	165 52	
Insurance,	112 50	
Advertising,	108 30	
Architects' services,	76.86	
Messenger service,	15 67	
Ice,	15 00	
	<u>\$394,000 00</u>	

HIGH SCHOOL OF COMMERCE AND SCHOOL ADMINISTRATION BUILDING.

<i>Continuation of payments.</i>		
Land, Warrenton street,	\$11,830 00	
Architects, C. Howard Walker and Kilham & Hopkins,	5,080 12	
Expert services,	635 00	
Damages on account of release of land, Common and Warrenton streets, to previous owners,	311 00	
	<u>\$17,856 12</u>	

LAND AND BUILDINGS FOR SCHOOLS.

General expenses:		
Employees,	\$30,994 20	
Automobile and care, repairs, etc.,	3,832 94	
Rent of offices,	\$4,500 00	
Less charged to School-house Department,	2,250 00	
	<u>2,250 00</u>	
Tools and supplies,	645 56	
Stationery, papers, etc.,	176 02	
Printing,	164 22	
Advertising,	18 60	
	<u>\$33,081 54</u>	

NORMAL SCHOOL, ENLARGING YARD.

<i>Payments on account.</i>		
Land, Huntington and Longwood avenues,	\$73,127 22	
Expert services,	200 00	
	<u>73,327 22</u>	

BRIGHTON HIGH SCHOOL, ENLARGING YARD.

<i>Payments on account.</i>		
Land, Warren street,	\$4,275 00	
Expert services,	50 00	
	<u>4,325 00</u>	

<i>Carried forward,</i>	\$115,733 76	\$26,605,016 34
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<i>Brought forward,</i>		\$115,733 76	\$26,605,016 34
DORCHESTER HIGH SCHOOL, ADDITION.			
<i>Balance of payments.</i>			
Locks,	\$31 50		
Plumbing,	10 16		
Furnishing,	\$41 66		
	1,302 60		
		1,344 26	
Cost of site,	\$7,956 80		
Cost of building,	146,105 89		
Cost of furnishing,	10,998 41		
	\$165,061 10		

GIRLS' HIGH SCHOOL, ADDITION.

<i>Balance of payments.</i>			
Contractor, William Crane,	\$16,766 55		
Heating and ventilating,			
James P. Dwyer,	2,619 85		
Electrical work, Alfred J. Hixon,	1,427 25		
Architects, Coolidge & Carlson,	1,030 06		
Plumbing, Pierce & Cox,	869 39		
Running fires,	441 00		
Clerk of work,	250 00		
Iron platform,	57 00		
Locks, etc.,	39 25		
Advertising,	3 20		
	\$23,503 55		
Furnishing,	5,803 10		
		29,306 65	
Cost of site,	\$14,000 00		
Cost of addition,	138,393 69		
Cost of furnishing,	8,626 60		
	\$161,020 29		

GIRLS' HIGH SCHOOL, ENLARGEMENT.

Payments on account.

Contractor, John F. Griffin Company,	\$90,040 62		
Architects, Coolidge & Carlson,	8,854 93		
Structural steel, New England Structural Company,	6,388 65		
Clerk of work,	382 00		
Insurance,	375 00		
Printing,	278 52		
Electric lamps,	200 75		
Running fires,	57 00		
Advertising,	2 90		
Typewriting,	1 20		
	\$106,581 57		
Furnishing,	5,497 06		
		112,078 63	
<i>Carried forward,</i>		\$258,463 30	\$26,605,016 34

Brought forward,
HIGH SCHOOL OF PRACTICAL ARTS.

\$258,463 30 \$26,605,016 34

Payments on account.

Site:

Estate Winthrop and Granville streets,	\$25,000 00	
Expert services,	250 00	
Watchman,	70 00	
Fuel, oil, etc.,	4 90	
Advertising,	4 00	
		\$25,328 90

Building:

Borings,	\$152 75	
Labor,	2 00	
		154 75

25,483 65

MECHANIC ARTS HIGH SCHOOL, EXTENSION.

Continuation of payments.

Electrical work, Lord Elec- tric Company,	\$582 27	
Furnishing,	1,253 40	

1,835 67

ROXBURY HIGH SCHOOL, ADDITION.

Continuation of payments.

Architect, James H. Ritchie,	\$1,500 00	
Printing,	421 94	
Clerk of work,	80 00	
Borings,	55 21	

\$2,057 15

Furnishing,	198 90	
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2,256 05

WEST ROXBURY HIGH SCHOOL, ENLARGEMENT.

Payments on account.

Contractor, William Crane,	\$11,568 00	
Filling floors,	15 00	
Advertising,	3 20	

\$11,586 20

Furnishing,	574 70	
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12,160 90

GRAMMAR SCHOOL, DEARBORN DISTRICT.

"Dearborn School."

Balance of payments.

Land rear of Dearborn street,	25 00	
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Cost of additional
land, \$790 75

Cost of building, 235,313 00

Cost of furnish-
ing, 7,093 65

\$243,197 40

Carried forward,

\$300,224 57 \$26,605,016 34

<i>Brought forward,</i>		\$371,166 86	\$26,605,016 34
ELEMENTARY SCHOOL, LOWER GRADES, COMINS DISTRICT.			
"Charles Bulfinch School."			
<i>Continuation of payments.</i>			
Contractor, Hooper, Waters Company,	\$78,761 73		
Architect, Charles R. Greco,	3,261 03		
Clerk of work,	850 00		
Vacuum cleaning system,	726 53		
Printing,	343 93		
Edgestone,	312 38		
Paving brick,	165 60		
Fire escape,	145 00		
Running fires,	75 00		
Locks,	39 00		
Seeding grounds,	16 75		
Advertising,	3 20		
	\$84,700 15		
Furnishing,	2,110 93		
		86,811 08	
ELEMENTARY SCHOOL, LOWER GRADES, EDWARD EVERETT DISTRICT.			
"John Lothrop Motley School."			
<i>Continuation of payments.</i>			
Contractor, C. S. Cunn- ham & Sons Construction Company,	\$19,631 30		
Running fires,	584 00		
Clerk of work,	408 00		
Locks,	10 50		
Planting,	9 40		
	\$20,643 20		
Furnishing,	826 92		
		21,470 12	
ELEMENTARY SCHOOL, LOWER GRADES, HENRY L. PIERCE DISTRICT.			
"Ellen H. Richards School."			
<i>Payments on account.</i>			
Site: Expert serv- ices,	\$50 00		
Advertising,	3 50		
		\$53 50	
Building: Borings,	166 50		
		220 00	
ELEMENTARY SCHOOL, LEWIS DISTRICT.			
"William Lloyd Garrison School."			
<i>Continuation of payments.</i>			
Contractor, Whiton & Haynes Company,	\$368 80		
Architects; Newhall & Blevins,	288 63		
Removing trees, etc.,	166 01		
Plumbing,	110 03		
		\$933 47	
Furnishing,	328 20		
		1,261 67	
<i>Carried forward,</i>		\$480,929 73	\$26,605,016 34

<i>Brought forward,</i>		\$480,929 73	\$26,605,016 34
ELEMENTARY SCHOOL, LEWIS DISTRICT.			
"Lewis School."			
<i>Continuation of payments.</i>			
Contractor, A. Varnerin			
Company, Inc.,	\$82,585 95		
Architect, Harrison H. At-			
wood,	4,021 55		
Clerk of work,	696 00		
Printing,	378 59		
Running fires,	154 00		
Borings,	39 00		
Removing snow,	26 00		
Advertising,	3 00		
		87,904 09	
ELEMENTARY SCHOOL, LYMAN DISTRICT.			
"Ulysses S. Grant School."			
<i>Continuation of payments.</i>			
Site: Land, Paris			
street and			
Chelsea court,	\$24,105 29		
Expert services,	50 00		
Advertising,	2 50		
		\$24,157 79	
Building:			
Contractor,			
Whiton &			
Haynes Com-			
pany,	\$65,603 48		
Architect, Edward			
T. P. Graham,	3,982 59		
Clerk of work,	696 00		
Printing,	456 44		
Vacuum clean-			
ing system,	293 25		
Borings,	250 50		
Fence,	65 10		
Expert services,	15 00		
Advertising,	6 30		
		71,368 66	
		95,526 45	
ELEMENTARY SCHOOL, PHILLIPS DISTRICT,			
SOUTH OF CAMBRIDGE STREET.			
"Peter Faneuil School."			
<i>Continuation of payments.</i>			
Site: Land, South			
Russell street,	\$87,370 49		
Expert services,	300 00		
		\$87,670 49	
Furnishing,	6 75		
		87,677 24	
ELEMENTARY SCHOOL, UPPER GRADES,			
PHILLIPS BROOKS DISTRICT.			
"John Winthrop School."			
<i>Continuation of payments.</i>			
Site: Land, Dacia, Danube			
and Brookford streets,	\$12,057 70		
<i>Carried forward,</i>	\$12,057 70	\$752,037 51	\$26,605,016 34

Brought forward, \$12,057 70 \$752,037 51 \$26,605,016 34
 Building:

Contractor, A.
 Varnerin Com-
 pany, \$110,002 42
 Architects, Ma-
 ginnis & Walsh, 4,997 35
 Sidewalks, 708 13
 Clerk of work, 672 00
 Printing, 532 04
 Running fires, 302 00
 Locks, 31 50
 Seeding grounds, 7 75
 Advertising, 6 70

117,259 89

Furnishing, 3,810 71

133,128 30

ELEMENTARY SCHOOL, LOWER GRADES,
 PHILLIPS BROOKS DISTRICT.

"Benedict Fenwick School."

Payments on account.

Contractor, A. Varnerin
 Company, \$7,325 09
 Architect, James E. Mc-
 Laughlin, 1,710 37
 Printing, 341 39
 Borings, 271 04
 Clerk of work, 240 00
 Blueprints, 47 85
 Advertising, 3 40

9,939 14

ELEMENTARY SCHOOL, ROGER WOLCOTT
 DISTRICT.

"Mary Lyon School."

Continuation of payments.

Contractors, McGahey &
 O'Connor, \$49,151 64
 Heating and ventilating,
 Huey Brothers Company, 6,049 50
 Plumbing, C. A. Bray Com-
 pany, 3,450 50
 Electrical work, Martin
 Keough & Co., 2,790 47
 Architect, Charles K. Cum-
 mings, 1,946 00
 Clerk of work, 843 00
 Printing, 474 01
 Running fires, 182 00
 Blueprints, 30 00
 Locks, 21 00
 Advertising, 12 90

\$64,951 02

Furnishing, 2,259 76

67,210 78

Carried forward,

\$962,315 73 \$26,605,016 34

Brought forward, \$962,315 73 \$26,605,016 34
 ELEMENTARY SCHOOL, LOWER GRADES,
 ROGER WOLCOTT DISTRICT.
 "William Bradford School."

Payments on account.

Site: Land, Madison avenue and Willow wood street, \$5,703 25
 Expert services, 50 00
 Advertising, 9 00

 \$5,762 25

Building:
 Contractor, John F. Griffin Company, \$1,652 40
 Architect, John Lavelle, 1,025 97
 Printing, 388 04
 Clerk of work, 155 00
 Borings, 91 00
 Advertising, 3 30

 3,315 71

 9,077 96

ELEMENTARY SCHOOLS, SHERWIN DISTRICT.
 "George T. Angell School."

Continuation of payments.

Contractor, J. E. Locatelli Company, \$45,823 08
 Clerk of work, 696 00
 Printing, 625 76
 Borings, 415 83
 Running fires, 224 00
 Removing snow, 46 40
 Expert services, 30 00
 Blueprints, 15 39
 Advertising, 3 30
 Labor, 2 00

 47,881 76

"Lafayette School"

Continuation of payments.

Contractors, Mack & Moore, \$7,905 85
 Plumbing, Pierce & Cox, 1,776 84
 Heating and ventilating, James P. Dwyer, 1,664 97
 Electrical work, Edwin C. Lewis, Inc., 1,088 50
 Running fires, 808 80
 Grading, etc., 786 25
 Iron fence, 715 00
 Clerk of work, 500 00
 Clocks, 175 00
 Granolithic floors, 68 00
 Gas pipe, 37 69
 Locks, 31 00

 \$15,557 90

Furnishing, 1,556 62

 17,114 52

Carried forward,

 \$1,036,389 97 \$26,605,016 34

Brought forward, \$1,036,389 97 \$26,605,016 34
 ELEMENTARY SCHOOL, LOWER GRADES,
 WARREN DISTRICT.
 "Doane House," "Oliver Holden School."

Balance of payments.

Carpentry,	\$148 49	
Water service pipes,	26 32	
		174 81
Cost of estate,	\$12,182 00	
Cost of altera- tions,	5,390 99	
Cost of furnish- ings,	377 43	
	\$17,950 42	

ELEMENTARY SCHOOL, WASHINGTON ALL-
 STON DISTRICT.

Continuation of payments.

Land, Shepard and Holmes avenues,	\$5,543 13	
Borings,	103 50	
		5,646 63

ELEMENTARY SCHOOL, WINTHROP-BRIMMER
 DISTRICT.

"Abraham Lincoln School."

Continuation of payments.

Site: Land, Fayette, Ferdi- nand and Bay streets,	\$5,663 37	
Building:		

Contractor, Whiton & Haynes Com- pany,	\$90,002 80	
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Heating and ven- tilating, Huey Brothers Com- pany,	14,904 51	
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Plumbing, Pierce & Cox,	11,216 00	
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Electrical work, Edwin C. Lewis, Inc.,	7,133 00	
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Architect, A. W. Longfellow,	3,605 54	
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Vacuum cleaning system,	2,052 00	
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Running fires,	1,227 00	
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Clerk of work,	1,069 17	
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Carving,	705 00	
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Iron railing,	650 00	
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Paving yard, etc.,	398 65	
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Lamps,	273 90	
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Closet seats,	45 78	
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Locks,	36 00	
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Painting lines,	14 00	
		133,333 35
Furnishing,		10,933 89

149,930 61

Carried forward,

\$1,192,142 02 \$26,605,016 34

<i>Brought forward,</i>		\$1,192,142 02	\$26,605,016 34
BENNETT SCHOOL, ENLARGING YARD.			
<i>Balance of payments.</i>			
Grading and paving,		409 70	
Cost of land,	\$752 35		
Cost of grading and paving,	1,846 20		
	<u>\$2,598 55</u>		
BRIMMER SCHOOL, EXTENSION OF YARD AND EQUIPMENT OF TRADE SCHOOL FOR BOYS.			
<i>Payments on account.</i>			
Alterations, John F. Griffin Company,	\$9,613 24		
Electrical work, Edwin C. Lewis, Inc.,	2,091 00		
Teaming,	76 00		
Advertising,	6 30		
	<u>11,786 54</u>		
EDWARD EVERETT SCHOOL, EXTENSION OF YARD.			
<i>Payments on account.</i>			
Land, Pleasant street,	\$5,281 50		
Expert services,	50 00		
	<u>5,331 50</u>		
HARVARD HILL SCHOOL, EXTENSION OF YARD.			
<i>Payments on account.</i>			
Land, Harvard street,	\$5,000 00		
Expert services,	50 00		
	<u>5,050 00</u>		
PRESCOTT DISTRICT, ISOLATED BOILER PLANT, ANNEX POLK STREET SCHOOL, ENLARGING YARD.			
<i>Continuation of payments.</i>			
Land, Polk and Elm streets,	\$9,913 50		
Building:			
Contractor,			
D. F. Burke,	\$23,945 77		
Heating apparatus, Pierce & Cox,	5,915 68		
Electrical work,	2,197 90		
Architects,			
Brainerd & Leeds,	1,209 40		
Grading,	1,124 40		
Clerk of work,	1,040 00		
Running fires,	526 50		
Temporary boiler,	175 00		
Locks,	48 50		
Lamps,	36 05		
Typewriting,	14 50		
Advertising,	6 80		
	<u>36,240 50</u>		
Furnishing,	1,451 44		
	<u>47,605 44</u>		
<i>Carried forward,</i>		\$1,262,325 20	\$26,605,016 34

<i>Brought forward,</i>	\$1,262,325 20	\$26,605,016 34
QUINCY SCHOOL, EXTENSION OF YARD.		
<i>Payments on account.</i>		
Land, Hudson street,	\$6,000 00	
Expert services,	100 00	
		6,100 00
WYMAN STREET SCHOOL, ADDITION.		
<i>Balance of payments.</i>		
Contractor, J. E. Locatelli		
Company,	\$2,224 80	
Heating and ventilating,		
James P. Dwyer,	1,303 32	
	\$3,528 12	
Furnishing,	103 55	
		3,631 67
Cost of addition, \$20,014 91		
Cost of furnish-		
ing,	546 93	
	\$20,561 84	
Fire escapes,		35 00
	\$1,272,091 87	

RECAPITULATION.

School Committee,	\$4,155,950 79	
Pensions to teachers,	67,770 84	
Physical education,	54,216 67	
Bowdoin Dorchester School Fund, Income,	1,199 43	
Eastburn School Fund, Income,	150 00	
Franklin Medal Fund, Income,	29 71	
Gibson School Fund, Income,	4,653 34	
Horace Mann School Fund, Income,	176 47	
Schoolhouse Department,	394,000 00	
High School of Commerce and School Ad-		
ministration Building,	17,856 12	
Land and Buildings for Schools,	1,272,091 87	
		5,968,095 24

Sidewalk Assessments, Repayment of.

Continuation of payments under authority of chapter 82,		
Acts of 1894, and order of the City Council approved		
December 31, 1895, being forty-five per cent of the		
amount paid on assessments laid under chapter 401,		
Acts of 1892,		181 95

Sinking Funds Department.

Salaries:		
J. Alfred Mitchell, Secretary,	\$700 00	
Charles H. Slattery, Treasurer,	200 00	
Bookkeeper,	800 00	
	\$1,700 00	
Printing,	526 84	
Stationery,	1 35	
		2,228 19
<i>Carried forward,</i>		\$32,575,521 72

Brought forward,

\$32,575,521 72

Soldiers' Relief Department.

Payments made in conformity to the laws of the Commonwealth to soldiers and sailors, and to the families or dependents of those who were engaged as volunteers in the service of the United States in subduing the southern rebellion and in the Spanish war; also office expenses.

Amount paid applicants:

Under chapter 468, Acts of 1909:

Section 3, state aid, \$89,427 00

Section 9, military aid, 10,141 50

Chapter 79, section 18, Revised Laws, soldiers' relief, 85,387 40

\$184,955 90

Salaries:

John E. Gilman, Commissioner, \$3,500 00

Clerk hire, 13,249 34

16,749 34

Printing, 294 09

Traveling expenses, 156 90

Telephone service, 123 21

Premiums on surety bonds, 112 00

Postage, 64 00

Stationery, 60 29

Office expenses, 46 05

Burial of soldiers, sailors and marines, the wives, widows and mothers of the same, and nurses, chapter 381, Acts of 1904:

Soldiers, sailors and marines, \$3,080 00

Wives, widows, mothers and nurses, 1,435 00

\$4,515 00

Compensation of burial agent, 258 00

4,773 00

207,334 78***State Tax and Assessments.***

State Tax:

For the city's proportion of \$5,500,000, the state tax for the year 1911, of which the percentage is 34.189,

\$1,880,395 00

ABOLISHMENT OF GRADE CROSSINGS.

Blue Hill avenue and Oakland street:

Assessment, \$537 21

Interest, 26 32

\$563 53

Congress street:

Assessment, \$17,410 41

Interest, 2,947 93

20,358 34

Dudley street:

Assessment, \$553 76

Interest, 19 44

573 20*Carried forward,*

\$21,495 07

\$1,880,395 00

\$32,782,856 50

<i>Brought forward,</i>	\$21,495 07	\$1,880,395 00	\$32,782,856 50
East Boston:			
Assessment,	\$27,000 00		
Interest,	3,464 00		
		30,464 00	
Freeport, Walnut and other streets:			
Assessment,	\$23,950 97		
Interest,	1,813 79		
		25,764 76	
Tremont street:			
Assessment,	\$31,851 06		
Interest,	6,540 40		
		38,391 46	
			116,115 29
CHARLES RIVER BASIN ASSESSMENT.			
Sinking Fund,	\$99,827 55		
Interest,	315,279 26		
Serial bonds,	4,801 68		
Maintenance,	56,092 79		
	\$476,001 28		
Less advanced under chapter 175, Acts of 1909,			
Sinking Fund,			
with earnings,	\$135,085 95		
Interest,	281,090 48		
		416,176 43	
			59,824 85
CHARLES RIVER EMBANKMENT.			
Betterments collected and paid to State on account of cost of embankment,			119,934 01
METROPOLITAN PARK ASSESSMENTS.			
Sinking Fund:			
Parks,	\$61,850 50		
Boulevard,	14,405 37		
Nantasket,	4,638 84		
		\$80,894 71	
Serial Bonds,		1,189 06	
Interest:			
Parks,	\$173,227 84		
Boulevard,	42,279 82		
Nantasket,	12,500 67		
		228,008 33	
Maintenance:			
Parks,	\$231,089 70		
Boulevard,	44,588 05		
Nantasket,	15,756 92		
		291,434 67	
			601,526 77
Washington street, West Roxbury:			
(Chapter 574, Acts 1907.)			
Assessment,	\$66 50		
Interest,	2 00		
		68 50	
<i>Carried forward,</i>			
		\$2,777,864 42	\$32,782,856 50

<i>Brought forward,</i>	\$2,777,864 42	\$32,782,856 50
METROPOLITAN SEWER ASSESSMENTS.		
Mystic and Charles river valleys, sewers: (Chapter 439, Acts 1889.)		
Sinking fund,	\$17,364 18	
Interest,	31,584 86	
Maintenance,	28,661 29	
		\$77,610 33
Neponset river valley sewer: (Chapter 406, Acts 1895.)		
Sinking fund,	\$28,082 84	
Interest,	123,623 55	
Maintenance,	50,672 80	
		202,379 19
		279,989 52
ABATEMENT OF SMOKE ASSESSMENT, (Chapter 651, Acts 1910.)	3,987 15	
STATE HIGHWAYS, REPAIRS, (Section 16, Chapter 47 Revised Laws.)	70 00	
		3,061,911 09
(For Metropolitan water assessment, see Public Works Department; Water Service, page 146, and for State Highway assessment, see County of Suffolk, page 197.)		

Statistics Department.

Edward M. Hartwell, Secre- tary,	\$3,000 00	
Employees,	2,888 12	
		\$5,888 12
Printing,		3,367 80
Stationery and supplies,		535 15
Postage,		134 22
Express charges, delivering bulletins, etc.,		82 86
Telephone service,		66 03
Books and periodicals,		21 15
Fees for attesting pay rolls, etc.,		19 25
		<u>\$10,114 58</u>

CITY RECORD, PUBLICATION OF:

Editor and assistant,	\$2,270 56
Printing,	6,780 21
Postage and mailing,	958 48
Papers, books, etc.,	92 99
Stationery and office expenses,	61 75
Telephone service,	30 00
Typewriting,	19 30
Traveling expenses,	4 85
	<u>\$10,218 14</u>

RECAPITULATION.

Statistics Department,	\$10,114 58	
City Record, Publication of,	10,218 14	
		20,332 72
<i>Carried forward,</i>		
		\$35,865,100 31

Brought forward,

\$35,865,100 31

Street Laying-Out Department.

STREET COMMISSIONERS.

Salaries:

Salem D. Charles,
Chairman, \$4,500 00James A. Galli-
van, 4,000 00

John H. Dunn, 4,000 00

John J. O'Cal-
laghan, Secre-
tary, 3,600 00

Employees, 9,630 01

Employees as-
sessment divi-
sion, 6,868 23

\$32,598 24

Advertising, 1,984 40

Carriage hire and traveling
expenses, 1,661 15

Services of appraisers, 1,565 50

Photographs, 663 60

Telephone service, 517 01

Furnishings and office ex-
penses, 512 63

Printing, 461 80

Stationery, 338 43

Recording papers, 199 25

Street signs, 180 75

Postage, 145 00

Messenger service, 59 77

Premium on surety bond, 8 00

\$40,895 53

Engineering Division:

Employees, \$75,433 54

Instruments, tools, etc., 2,405 53

Stone posts and setting, 1,000 00

Traveling expenses, 835 83

Furnishings and office ex-
penses, 486 45

Printing, 455 34

Advertising, 173 40

Stationery, 138 17

Telephone service, 120 48

Postage, 12 00

81,060 74

Public lands and property:

Auction expenses, \$342 85

Taxes, 135 72

478 57

\$122,434 84HYDE PARK AVENUE, FROM ASHLAND STREET TO HYDE
PARK LINE.*Continuation of payments.*Land damages, \$4,604 89*Carried forward,*

\$35,865,100 31

Brought forward, \$35,865,100 31
NORTHERN AVENUE AND SLEEPER STREET.

(Chapter 381, Acts of 1903.)

Asphalt sidewalk, \$564 71

WASHINGTON STREET, WEST ROXBURY.

(Chapter 574, Acts of 1907.)

Continuation of payments.

Land damages, \$1,148 90

RECAPITULATION.

Street Laying-Out Department, \$122,434 84

Hyde Park avenue, from Ashland street to

Hyde Park line, 4,604 89

Northern avenue and Sleeper street, 564 71

Washington street, West Roxbury, 1,148 90

128,753 34

Supply Department.

Salaries:

J. Edward Mullen, Superin-
tendent, \$2,991 56

Assistant, clerks and
weigher, 5,570 62

\$8,562 18

Printing, 1,049 80

Postage, 474 92

Expert services, 290 10

Advertising, 279 10

Office expenses, 277 71

Telephone service, 228 73

Stationery, 195 10

Traveling expenses, 141 79

11,499 43

Taxes.

Bank tax collected from National Banks
and paid Commonwealth of Massachu-
setts,

\$638,623 70

Corporation tax paid Commonwealth, 17,755 73

Refunded taxes, 52,510 28

708,889 71

Temporary Loan.

Payments for amounts borrowed in anticipation of the
annual taxes, Order of the City Council of April 13, 1911,

5,600,000 00

Treasury Department.

Salaries:

Charles H. Slattery, City

Treasurer, \$5,000 00

Employees, 33,744 44

\$38,744 44

Hire of vehicles for and car fares of pay-
masters and messengers,

5,201 59

Premiums on surety bonds of City Treas-
urer and employees,

1,422 50

Printing, 650 27

Carried forward,

\$46,018 80 \$42,314,242 79

<i>Brought forward,</i>	\$46,018 80	\$42,314,242 79
Postage,	291 40	
Stationery,	285 84	
Telephone service,	206 13	
Advertising,	50 61	
Office expenses,	47 25	
		46,900 03

Trust Funds, Investment of.

Investment of cash belonging to the following Trust Funds:

George F. Parkman Fund,	\$1,688,154 92	
Cemetery Funds:		
Mount Hope Cemetery		
Trust Fund,	\$4,000 00	
Evergreen Cemetery Trust		
Fund,	700 00	
Dorchester North Burial		
Ground Trust Fund,	300 00	
Dorchester South Cemetery		
Trust Fund,	200 00	
		5,200 00
Police Charitable Fund,		5,000 00
School Funds:		
Gibson,	\$4,300 00	
Sherwin School Graduates,	100 00	
		4,400 00
Library Department Funds:		
Joseph H. Center,	\$1,300 00	
Nathan A. Tufts,	100 00	
		1,400 00
		1,704,154 92

Weights and Measures Department.

Salaries to January 25, 1912, inclusive:

Charles B. Woolley, Sealer,	\$2,991 56	
Deputy sealers,	16,891 53	
Helpers,	996 04	
		\$20,879 13
Horse, board of, shoeing horses, and repairs		
of vehicles and harnesses,	3,117 14	
Printing,	415 72	
Telephone service,	115 75	
Tools, hardware, weights, etc.,	96 81	
Stationery,	73 41	
Traveling expenses,	48 21	
Postage,	20 00	
Advertising,	18 60	
Office expenses,	13 00	
Premium on surety bond,	8 50	
		24,806 27

Wire Department.

Salaries and wages:

James E. Cole, Commis-		
sioner,	\$4,986 28	
Employees,	49,338 44	
		\$54,324 72
Automobile and care of automobiles,	2,655 84	
Printing,	1,355 76	
<i>Carried forward,</i>	\$58,336 32	\$44,090,104 01

<i>Brought forward,</i>	\$58,336 32	\$44,090,104 01
Traveling expenses,	1,280 05	
Horse keeping,	969 75	
Telephone service,	395 41	
Atlases and office expenses,	233 81	
Stationery,	206 89	
Postage,	143 00	
Instruments, tools, etc.,	88 87	
Advertising,	55 85	
Police and fire notification,	37 50	
		61,747 45
Total payments on account of city,		<u>\$44,151,851 46</u>

CITY PAYMENTS.

Gross expenditures,	\$44,151,851 46
Less payments on the following accounts:	
Temporary loan,	\$5,600,000 00
Debt payments,	2,305,750 00
Trust funds, etc., invest-	
ment of,	1,704,154 92
Bank tax to Commonwealth,	638,623 70
Betterments, etc.,	425,813 75
Corporation tax, etc., to	
Commonwealth and re-	
funded taxes,	70,266 01
Abolishment of grade cross-	
ings,	20,971 32
Pay roll tailings,	10,558 73
Premium on loans,	10,386 84
New England Sanitary	
Product Company,	5,000 00
Refunded liquor licenses,	4,724 45
Duplicates and overpay-	
ments,	4,571 00
Damages by dogs, etc.,	3,145 37
Refunded water rates,	2,307 58
Old claims,	2,212 25
Interest tailings,	1,450 00
Refunds,	139 57
Boston & Eastern Electric	
Railroad Company Tunnel	
Fund,	94 35
Martha Howard Thurston	
Carter Fund, Income,	80 00
Gypsy and Brown-tail Moth	
Suppression, Assessments,	
refunds,	72 30
	<u>10,810,322 14</u>

Actual expenditures on account of the
City of Boston for the year ending Janu-
ary 31, 1912, including state taxes and
license revenue paid the Commonwealth, \$33,341,529 32

COUNTY OF SUFFOLK.

INCOME.

[The County of Suffolk comprises the cities of Boston and Chelsea and the towns of Revere and Winthrop.]

STATEMENT OF THE RECEIPTS ON ACCOUNT OF THE COUNTY OF SUFFOLK
DURING THE FINANCIAL YEAR.

1911-1912.

Commencing with the first day of February, 1911, and ending with the last day of January, 1912.

COUNTY BUILDINGS.

Commission on telephone station, Courthouse,	\$37 20	
Sale of old material and paper, Courthouse,	47 29	
		\$84 49

JAIL.

From the United States, for board of prisoners and witnesses, and for fees in poor debtors' cases,	\$496 25	
Sale of old material,	105 47	
		601 72

SUPREME JUDICIAL COURT.

From Clerk, fees received by him,		1,450 83
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SUPERIOR COURT, CIVIL SESSION.

From Clerk, fees received by him,		23,458 64
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SUPERIOR COURT, CRIMINAL SESSION.

From Clerk, fees received by him,	\$189 87	
Interest on bank deposits,	472 68	
Sheriff, for fines and costs,	23,221 34	
Master of House of Correction, for fines and costs,	425 00	
Amount drawn to pay traveling expenses, returned,	37 93	
		24,346 82

MUNICIPAL COURT, CIVIL SESSION.

From Clerk, fees received by him,		24,640 39
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MUNICIPAL COURT, CRIMINAL SESSION.

From Clerk, for fines, costs and fees,	\$40,232 01	
Sheriff, for fines and costs,	2,730 00	
Master of House of Correction, for fines and costs,	138 00	
Forfeited recognizances,	2,225 00	
Amount drawn to pay traveling expenses, returned,	32 00	
Sale of gaming fixtures,	42 01	
		45,399 02

Carried forward,

\$119,981 91

<i>Brought forward,</i>		\$119,981 91
MUNICIPAL COURT, CHARLESTOWN DISTRICT.		
From Clerk, for fines and costs,	\$5,078 65	
Master of House of Correction, for		
fines and costs,	633 00	
Sale of gaming fixtures,	19 94	
		<u>5,731 59</u>
EAST BOSTON DISTRICT COURT.		
From Clerk, for fines and costs,	\$3,637 79	
Master of House of Correction, for		
fines and costs,	433 00	
		<u>4,070 79</u>
MUNICIPAL COURT, SOUTH BOSTON DISTRICT.		
From Clerk, for fines and costs,	\$3,627 36	
Master of House of Correction, for		
fines and costs,	679 00	
Forfeited recognizances,	25 00	
		<u>4,331 36</u>
MUNICIPAL COURT, DORCHESTER DISTRICT.		
From Clerk, for fines and costs,	\$3,011 61	
Master of House of Correction, for		
fines and costs,	345 00	
		<u>3,356 61</u>
MUNICIPAL COURT, ROXBURY DISTRICT.		
From Clerk, for fines and costs,	\$7,622 93	
Master of House of Correction, for		
fines and costs,	220 00	
		<u>7,842 93</u>
MUNICIPAL COURT, WEST ROXBURY DISTRICT.		
From Clerk, for fines and costs,	\$2,418 55	
Master of House of Correction, for		
fines and costs,	187 00	
Sale of gaming fixtures,	5 82	
		<u>2,611 37</u>
MUNICIPAL COURT, BRIGHTON DISTRICT.		
From Clerk, for fines and costs,	\$3,808 54	
Master of House of Correction, for		
fines and costs,	635 50	
Forfeited recognizances,	25 00	
		<u>4,469 04</u>
BOSTON JUVENILE COURT.		
From Clerk, for fines and costs,		469 50
POLICE COURT, CHELSEA.		
From Master of House of Correction, for fines and costs,		356 50
REGISTRY OF DEEDS.		
Fees for recording deeds, etc.,	\$39,204 65	
Fees for recording land titles,	4,029 55	
Commission on telephone station,	85 65	
Interest on bank deposits,	26 91	
Sale of atlas,	5 00	
		<u>43,351 76</u>
MISCELLANEOUS.		
From pedlars, for licenses,		564 00
<i>Carried forward,</i>		<u>\$197,137 36</u>

Brought forward,

\$197,137 36

HOUSE OF CORRECTION.

Sale of pigs, farm products, etc.,	\$1,619 60
Old metal,	193 54
Bags,	97 60
Rags and bones,	81 98
Board,	59 12
Sale of barrels,	57 60
Labor,	55 68
Condemned cow,	40 00
Teaming,	37 00
Sale of lumber,	20 35
Sale of miscellaneous supplies,	19 85

 2,282 32
HOUSE OF CORRECTION, MACHINERY AND MATERIALS
FOR MANUFACTURING.

Sale of manufactured goods,	35,090 96
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OLD CLAIMS,

1,398 07

PAY ROLL TAILINGS.

Amounts drawn to pay jurors, and the parties not appearing, returned to the treasury,	1,218 98
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Total receipts on account of the County of Suffolk, for the year ending January 31, 1912,	<u>\$237,127 69</u>
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CREDITED TO:

General Income,	\$198,329 28
Appropriations,	35,130 96
Miscellaneous Accounts,	3,667 45
	<u>\$237,127 69</u>

COUNTY OF SUFFOLK.

PAYMENTS.

The accounts for salaries and expenses of the County of Suffolk are examined, audited and allowed for payment by the City Auditor, who is Auditor of the County of Suffolk, by chapter 21, section 44, of the Revised Laws.

COUNTY BUILDINGS.

Courthouse: Engineer, fire-	
men, janitors, etc.,	\$44,878 17
Fuel,	12,314 75
Electric lighting,	7,086 81
Repairs,	4,846 58
Furniture and furnishings,	4,013 90
Cleaning, washing towels, and	
small supplies,	1,979 47
Telephone service,	1,453 21
Teaming ashes, dirt, etc.,	642 30
Water rates,	433 20
Ice,	398 23
Gas,	68 25
Printing,	8 80
Advertising,	8 20
Postage,	2 00

\$78,133 87

Janitors:	
Municipal Court, Charles-	
town District,	\$1,050 00
East Boston District	
Court,	810 00
Municipal Court, South	
Boston District,	821 00
Municipal Court, Dorches-	
ter District,	799 50
Municipal Court, Roxbury	
District,	4,743 33
Municipal Court, West Rox-	
bury District,	779 00
Municipal Court, Brighton	
District,	810 00
Medical Examiner's office,	120 00

9,932 83

Repairs and alterations:	
Municipal Court, Charles-	
town District,	\$68 60
East Boston District	
Court,	46 88
Municipal Court, South	
Boston District,	38 96

<i>Carried forward,</i>	\$154 44	\$88,066 70
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<i>Brought forward,</i>	\$154 44	\$88,066 70
Municipal Court, Dorches- ter District,	297 36	
Municipal Court, Roxbury District,	1,355 55	
Municipal Court, West Roxbury District,	59 41	
Municipal Court, Brighton Dis- trict,	\$71 09	
Care of grounds, etc.,	498 95	
	570 04	
Medical Examiner's office, Northern District,	10 15	
Morgue,	86 41	
		2,533 36
Fuel:		
Municipal Court, Charles- town District,	\$214 92	
Municipal Court, South Boston District,	339 50	
Municipal Court, Roxbury District,	911 83	
Municipal Court, Brighton District,	89 94	
Morgue,	45 25	
		1,601 44
Furniture and supplies:		
Municipal Court, Charles- town District:	\$200 75	
East Boston District Court,	60 10	
Municipal Court, South Boston District,	44 21	
Municipal Court, Dorches- ter District,	113 41	
Municipal Court, Roxbury District,	723 96	
Municipal Court, West Roxbury District,	116 70	
Municipal Court, Brighton District,	40 12	
Medical Examiners' offices, Morgue,	105 06 12 58	
		1,416 89
Electric lighting:		
East Boston District Court,	\$75 50	
Municipal Court, South Boston District,	23 00	
Municipal Court, Roxbury District,	637 00	
Morgue,	215 87	
		951 37
Gas:		
Municipal Court, Charles- town District,	\$7 65	
East Boston District Court,	2 24	
<i>Carried forward,</i>	\$9 89	\$94,569 76

<i>Brought forward,</i>	\$9 89	\$94,569 76
Municipal Court, South		
Boston District,	2 27	
Municipal Court, Dorches-		
ter District,	6 80	
Municipal Court, Roxbury		
District,	5 45	
Municipal Court, West		
Roxbury District,	16 70	
Municipal Court, Brighton		
District,	3 58	
Morgue,	9 05	
		53 74
Water rates:		
Municipal Court, Roxbury District,		170 40
Rent 274 Boylston street for Medical		
Examiner, Northern District,		420 00
		\$95,213 90

REGISTRY OF DEEDS, FIREPROOF BOOKCASES, ETC.

Payments on account:

Metal bookcases, furniture, etc.,	\$15,909 94
Painting,	472 00
Electrical work,	443 00
Advertising,	3 60
	16,828 54

JAIL.

Salaries:		
Fred H. Seavey, jailer,	\$1,000 00	
Turnkey, watchmen and		
matron,	31,692 44	
Pensions,	1,795 83	
		\$34,488 27
Subsistence supplies,		16,664 99
Fuel,		4,482 17
Repairs and alterations,		2,467 65
Furniture and furnishings,		2,267 47
Clothing and bedding,		1,949 39
Electric lighting,		1,241 49
Feed for and shoeing horses, repairs of		
vehicles and harnesses,		1,111 45
Soap and laundry supplies,		439 87
Medical supplies,		337 72
Water rates,		272 40
Tobacco,		229 20
Ice,		208 13
Printing and stationery,		205 44
Teaming ashes, etc.,		190 57
Telephone service,		99 50
Gas,		83 39
Grounds,		37 91
Gratuities,		9 50
Traveling expenses,		8 05
		66,794 56

SUPREME JUDICIAL COURT.

Walter F. Frederick, clerk,	\$5,000 00
John H. Flynn, assistant clerk,	3,000 00
Clerk hire,	9,577 83
<i>Carried forward,</i>	\$17,577 83
	\$178,837 00

<i>Brought forward,</i>		\$17,577 83	\$178,837 00
Deputy sheriffs and officers in attendance,	\$8,100 00		
Uniforms,	600 00		
		8,700 00	
Auditors and masters,		9,452 07	
Jurors' fees,		739 60	
Stenographic work,		480 65	
Stationery, etc.,		335 23	
Postage,		269 10	
Printing,		154 00	
Telephone service,		85 43	
Express charges,		67 68	
Service of venire, etc.,		37 45	
Moving books, etc.,		23 00	
Services of clergyman at opening of court,		10 00	
			37,932 04

SUPERIOR COURT, CIVIL SESSION.

Francis A. Campbell, clerk,	\$6,000 00		
Henry E. Bellew, assistant clerk,	4,500 00		
George E. Kimball, assistant clerk,	3,106 25		
William Gilchrist, assistant clerk,	3,106 25		
Flourence J. Mahoney, as- sistant clerk,	2,588 51		
Allen H. Bearse, assistant clerk,	2,588 51		
Stephen Thacher, assistant clerk,	2,588 51		
Guy H. Holliday, assistant clerk,	2,588 51		
Charles J. Hart, assistant clerk,	2,588 51		
Francis P. Ewing, assistant clerk,	2,588 51		
Henry R. W. Browne, assist- ant clerk,	2,588 51		
Edmund S. Phinney, assist- ant clerk,	2,588 51		
James F. McDermott, as- sistant clerk,	2,588 51		
		\$40,009 09	
Clerk hire,		39,396 50	
Stenographers,		25,000 00	
Officers in attendance, sala- ries,	\$62,900 00		
Uniforms,	3,700 00		
		66,600 00	
Extra officers in attendance,		939 00	
Messenger, including uniform,		2,100 00	
Jurors' fees,		119,159 08	
Auditors and referees,		28,130 07	
Printing,		7,634 30	
Stationery,		2,676 84	
Expenses in cases of disbarment,		1,826 00	
Refreshments for jurors,		1,689 75	
Extra stenographers, copies, etc.,		1,261 90	
Service of venire,		906 35	
<i>Carried forward,</i>		\$337,328 88	\$216,769 04

<i>Brought forward,</i>	\$337,328 88	\$216,769 04
Books, papers, etc.,	649 75	
Postage,	437 70	
Telephone service,	279 72	
Care and correcting proof sheets, Massachusetts Reports,	52 00	
Investigation of divorce cases, chapter 390, Acts 1907,	36 55	
Labor, moving books, etc.,	21 75	
Services of clergymen at opening of court,	15 00	
		338,821 35

SUPERIOR COURT, CRIMINAL SESSION.

John P. Manning, clerk,	\$6,000 00	
Jurors' fees,	32,403 84	
Witnesses' fees,	34,154 00	
Experts,	16,741 76	
Officers in attendance, salaries,	\$11,265 00	
Uniforms,	1,200 00	
		12,465 00
Clerk hire,	15,995 00	
Stenographer,	2,500 00	
Extra officers in attendance,	2,520 00	
Probation officers,	10,700 00	
Clerks and stenographer, District Attorney's office,	2,037 25	
Traveling and other expenses of officers,	24,240 78	
Stenographic reports and copies,	8,499 36	
Allowance to counsel and expenses in capital cases,	3,260 85	
Printing,	1,717 31	
Legal assistants to District Attorney,	1,185 00	
Stationery,	1,133 24	
Refreshments for jurors and prisoners,	989 70	
Telephone service,	597 73	
Service of venires,	391 37	
Books, papers, etc.,	385 97	
Postage,	296 24	
Expenses of probation officers,	253 05	
Deputy sheriffs, service of civil processes,	177 10	
Plans,	172 00	
Moving books, etc.,	138 40	
Photographs,	44 00	
		178,998 95

PROBATE COURT AND OFFICE.

Clerical services,	\$21,867 75	
Indexes, 1894 to 1910, Volumes I. and II.,	4,327 50	
Officer in attendance in court, including uniform,	1,800 00	
Messenger,	1,500 00	
Printing,	1,324 07	
Stationery,	823 66	
Recording early papers,	760 00	
Auditors,	709 79	
Binding,	257 00	
Telephone service,	211 58	
Postage,	144 78	
Books, papers, etc.,	119 73	
		33,845 86

Carried forward,

\$768,435 20

Brought forward,

\$768,435 20

MUNICIPAL COURTS.

Justices:

Wilfred Bolster, Chief Justice,	\$5,000 00
William J. Forsaith, to September 30, 1911, inclusive,	3,375 00
Frederick D. Ely,	4,500 00
John H. Burke,	4,500 00
George L. Wentworth,	4,500 00
James P. Parmenter,	4,500 00
William Sullivan,	4,500 00
Michael J. Murray,	4,500 00
John Duff, from October 13, 1911,	975 00

Special Justices:

John A. Bennett,	2,265 00
John Duff,	1,530 00
Michael J. Creed,	300 00

Retired Justice:

William J. Forsaith, from October 1, 1911,	843 75
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41,288 75

MUNICIPAL COURT, CIVIL SESSION.

Orsino G. Sleeper, clerk, to December 15, 1911, inclusive,	\$3,354 16
Oscar F. Timlin, clerk <i>pro tem.</i> , December 16 to 23, 1911,	77 78
William F. Donovan, clerk, from Decem- ber 24, 1911,	68 06
Assistant clerks,	9,566 67
Copyists,	6,524 65
Three court officers,	\$4,245 83
Uniforms,	400 00
	4,645 83
Messenger,	1,700 00
Printing,	1,432 75
Stationery,	1,092 32
Postage,	365 80
Books, papers, etc.,	89 50

28,917 52

MUNICIPAL COURT, CRIMINAL SESSION.

Frederick C. Ingalls, clerk,	\$3,500 00
Clerk hire,	14,600 00
Probation officers,	20,800 00
Court officers,	\$13,590 22
Uniforms,	800 00
	14,390 22
Clerical assistants, probation records,	2,833 32
Witnesses' fees,	8,904 92
Drivers of prison wagons, keeping horses, repairs, etc.,	4,462 81
Officers' expenses,	1,993 98
Stationery,	1,208 41
Printing,	856 25
Expenses of probation officers,	828 19
Refreshments for prisoners,	353 55
Telephone service,	172 10
Postage,	123 00
Transportation, etc.,	46 50

Carried forward,

\$75,073 25

\$838,641 47

Brought forward,	\$75,073 25	\$838,641 47
Stenographic report,	36 00	
Books, papers, etc.,	25 00	
Moving books, etc.,	23 75	
Pensioned court officer,	600 00	
		75,758 00

MUNICIPAL COURT, CHARLESTOWN DISTRICT.

Henry W. Bragg, Justice,	\$2,200 00	
William H. Preble, Special Justice,	237 93	
Charles S. Sullivan, Special Justice,	136 99	
Joseph J. Corbett, Special Justice,	36 05	
Charles J. Brown, Special Justice,	7 21	
E. Leroy Sweetser, Special Justice,	7 21	
Mark E. Smith, clerk,	1,500 00	
James J. Mullen, Jr., clerk <i>pro tem.</i> ,	147 60	
Clerk hire,	500 00	
Frank B. Cotton, probation officer,	1,500 00	
Florence A. Smith, probation officer,	1,200 00	
John E. Quinn, probation officer <i>pro tem.</i> ,	172 20	
James J. Mullen, Jr., probation officer <i>pro tem.</i> ,	133 62	
Two court officers,	2,400 00	
Conveying prisoners,	818 25	
Printing,	220 97	
Inquests,	180 00	
Stationery,	173 79	
Telephone service,	74 83	
Books, papers, etc.,	30 05	
Postage and small items,	4 02	
		11,680 72

EAST BOSTON DISTRICT COURT.

Frank E. Dimick, Justice,	\$2,750 00	
J. H. Barnes, Jr., Special Justice,	198 44	
Charles J. Brown, Special Justice,	189 42	
Thomas H. Dalton, clerk,	1,650 00	
W. C. Maguire, clerk <i>pro tem.</i> ,	162 30	
Clerk hire,	758 33	
Charles F. Taylor, probation officer,	1,500 00	
D. J. Kelleher, probation officer <i>pro tem.</i> ,	147 60	
Court officer,	1,300 00	
Court officer <i>pro tem.</i> ,	59 64	
Conveying prisoners,	772 10	
Officers' expenses,	419 36	
Printing,	173 15	
Inquests,	160 00	
Stationery,	121 96	
Telephone service,	95 54	
Books, papers, etc.,	24 50	
Ice,	15 00	
		10,497 34

MUNICIPAL COURT, SOUTH BOSTON DISTRICT.

Joseph D. Fallon, Justice,	\$2,750 00	
Edward L. Logan, Special Justice,	225 50	
Josiah S. Dean, Special Justice,	162 36	
Adrian B. Smith, clerk,	1,650 00	
Galen W. Flanders, clerk <i>pro tem.</i> ,	162 30	
Harry W. Park, assistant clerk,	1,100 00	
Galen W. Flanders, assistant clerk <i>pro tem.</i> ,	72 20	
George N. Parker, probation officer, to May 12, 1911, inclusive,	660 00	

Carried forward,	\$6,782 36	\$936,577 53
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<i>Brought forward,</i>	\$6,782 36	\$936,577 53
Clayton H. Parmelee, probation officer, from May 15, 1911,	1,130 00	
Ellen McGurty, assistant probation officer,	1,200 00	
Clayton H. Parmelee, probation officer <i>pro tem.</i> ,	177 00	
Two court officers,	2,600 00	
Conveying prisoners,	515 82	
Printing,	266 47	
Stationery,	52 74	
Telephone service,	73 82	
Inquests,	70 00	
Books, papers, etc.,	23 50	
Postage,	22 88	
Ice and small items,	10 50	
		12,925 09

MUNICIPAL COURT, DORCHESTER DISTRICT.

Joseph R. Churchill, Justice,	\$2,950 80	
M. H. Sullivan, Special Justice,	354 24	
Frank J. Tuttle, clerk,	1,800 00	
W. F. Merritt, clerk <i>pro tem.</i> ,	135 70	
N. T. Merritt, Jr., clerk <i>pro tem.</i> ,	88 50	
Clerk hire,	200 00	
Alvin I. Phillips, probation officer,	800 00	
John F. Halligan, probation officer <i>pro tem.</i> ,	36 68	
Court officer,	800 00	
Court officer <i>pro tem.</i> ,	36 68	
Conveying prisoners,	554 00	
Printing,	103 50	
Telephone service,	76 63	
Books, papers, etc.,	22 00	
Stationery,	21 50	
		7,980 23

MUNICIPAL COURT, ROXBURY DISTRICT.

A. Nathan Williams, Justice,	\$4,000 00	
Joseph N. Palmer, Special Justice,	629 28	
Abraham K. Cohen, Special Justice,	563 73	
Maurice J. O'Connell, clerk,	2,400 00	
John D. Regan, clerk <i>pro tem.</i> ,	341 10	
Fred E. Cruft, assistant clerk,	1,600 00	
Clerk hire,	600 00	
Joseph H. Keen, probation officer,	2,000 00	
John D. Regan, probation officer,	1,500 00	
Ulysses G. Varney, assistant probation officer, from April 20, 1911,	1,255 00	
Fred E. Cruft, probation officer <i>pro tem.</i> ,	137 76	
Celia S. Lappen, assistant probation officer,	1,500 00	
Two court officers,	2,400 00	
Conveying prisoners,	1,512 00	
Printing,	607 48	
Telephone service,	159 34	
Stationery,	148 38	
Inquests,	135 00	
Books, papers, etc.,	24 00	
Ice,	20 00	
		21,533 07

MUNICIPAL COURT, WEST ROXBURY DISTRICT.

John Perrin, Jr., Justice,	\$2,434 40	
J. Albert Brackett, Special Justice,	311 60	
Josiah S. Dean, Special Justice,	8 20	
<i>Carried forward,</i>	\$2,754 20	\$979,015 92

<i>Brought forward,</i>	\$2,754 20	\$979,015 92
Edward W. Brewer, clerk,	1,500 00	
William F. Merritt, clerk <i>pro tem.</i> ,	127 92	
Clerk hire,	464 60	
Frank B. Skelton, probation officer, from Jan- uary 2, 1911,	1,196 67	
Edward W. Brewer, probation officer <i>pro tem.</i> ,	3 33	
Thomas H. Staples, probation officer <i>pro tem.</i> ,	94 32	
Court officer,	1,300 00	
Court officer <i>pro tem.</i> ,	59 64	
Conveying prisoners,	772 00	
Telephone service,	93 55	
Printing,	170 35	
Stationery,	70 03	
Books, papers, etc.,	45 60	
Ice,	6 30	
Van,	651 00	
		9,309 51

MUNICIPAL COURT, BRIGHTON DISTRICT.

Charles A. Barnard, Justice,	\$1,600 00	
Harry C. Fabyan, Special Justice,	78 75	
Robert W. Frost, Special Justice,	73 50	
Henry P. Kennedy, clerk,	876 40	
Richard J. Lane, clerk <i>pro tem.</i> ,	112 10	
Clerk hire,	168 00	
Henry P. Kennedy, probation officer,	800 00	
B. F. Sanborn, probation officer <i>pro tem.</i> ,	78 60	
Court officer,	1,000 00	
Court officer <i>pro tem.</i> ,	45 92	
Conveying prisoners,	720 00	
Printing,	201 00	
Food for prisoners,	75 70	
Stationery,	65 49	
Telephone service,	53 40	
Postage,	17 41	
Opening safe,	3 00	
		5,969 27

BOSTON JUVENILE COURT.

Harvey H. Baker, Justice,	\$3,000 00	
Philip Rubenstein, Special Justice,	167 28	
Frank Leveroni, Special Justice,	108 24	
Charles W. M. Williams, clerk,	1,500 00	
Edward M. Bennett, clerk <i>pro tem.</i> ,	49 20	
Clerk hire,	836 70	
Two probation officers,	3,600 00	
Probation officers <i>pro tem.</i> ,	354 00	
Probation officers' expenses,	931 22	
Witnesses' fees,	419 60	
Stationery,	203 65	
Printing,	197 50	
Postage,	164 50	
Telephone service,	150 26	
		11,682 15

POLICE COURT, CHELSEA.

Albert D. Bosson, Justice,	\$1,876 80	
Samuel R. Cutler, Special Justice,	943 00	
George M. Stearns, Special Justice,	754 40	
Joseph M. Curley, clerk,	1,500 00	
Eben Hutchinson, clerk <i>pro tem.</i> ,	137 76	
George W. Murphy, clerk <i>pro tem.</i> ,	9 84	
<i>Carried forward,</i>	\$5,221 80	\$1,005,976 85

<i>Brought forward,</i>	\$5,221 80	\$1,005,976 85
Eben Hutchinson, probation officer,	1,500 00	
George W. Murphy, probation officer <i>pro tem.</i> ,	147 60	
Clerk hire,	600 00	
Constable,	1,200 00	
Constable <i>pro tem.</i> ,	66 81	
Care of court room,	405 00	
Amount advanced by treasurer to pay witnesses,	2,400 00	
Interpreters,	720 00	
Officers' expenses,	467 90	
Stationery,	456 99	
Printing,	177 75	
Inquests,	145 00	
Electric lighting,	138 00	
Telephone service,	136 81	
Furnishings, etc.,	87 47	
Samuel R. Cutler, Special Justice, issuing warrants,	29 00	
Postage,	19 00	
Medical services,	13 00	
		13,932 13

INSANITY CASES.

Officers' fees and traveling expenses in committing,	\$9,699 04	
Physicians,	\$10,452 37	
Witnesses,	421 50	
	10,873 87	
Printing,	119 05	
		20,691 96

REGISTRY OF DEEDS.

William T. A. Fitzgerald, Register,	\$5,000 00	
Assistant Recorder of Land Court,	1,343 18	
	\$6,343 18	
Stephen A. Jennings, Assistant Register,	2,500 00	
Clerk hire,	42,521 31	
Binding,	2,029 77	
Copying plans,	1,298 00	
Stationery,	1,135 27	
Postage,	190 00	
Telephone service,	126 16	
Books, papers, etc.,	69 80	
Printing,	41 75	
		56,255 24

INDEX COMMISSIONERS.

Charles A. Drew, indexing,	\$11,684 71	
Stationery,	533 23	
Binding,	353 50	
		12,571 44

LAND COURT.

Stationery and books,	\$1,226 80	
Postage,	1,045 15	
Printing,	684 51	
Deputy Sheriff in attendance,	503 00	
Auditors,	434 50	
Telephone service,	211 90	
		4,105 86

Carried forward,

\$1,113,533 48

Brought forward,

\$1,113,533 48

MEDICAL EXAMINATIONS.

Northern District:

Dr. George B. Magrath,

Examiner,	\$4,000 00
Clerks,	2,290 00
Automobile expenses,	1,472 27
Removal and recovery of bodies,	1,012 00
Witnesses' fees,	975 00
Chemists,	345 00
Telephone service,	90 25
Stationery,	74 20
Police officers' expenses,	23 05

\$10,281 77

Southern District:

Dr. Timothy Leary, Examiner,

Automobile expenses,	\$4,000 00
Witnesses' fees,	2,467 76
Clerks,	1,308 00
Removal and recovery of bodies,	908 98
Furnishings,	884 00
Telephone service,	489 51
Stationery,	80 50
Printing,	57 03
Chemists,	41 71
Photographs,	25 00
Police officers' expenses,	20 00
Postage,	18 38
Traveling expenses,	8 00
	2 80

10,311 67

Associate Examiner, Dr.

William H. Watters,	\$666 00
Witnesses' fees,	392 00
Clerks' fees,	279 00
Traveling expenses,	219 30
Removal and recovery of bodies,	114 00
Stationery,	104 55
Telephone service,	53 49
Police officers' expenses,	8 14
Furnishings,	5 75
Postage,	2 25

1,844 48

\$22,437 92

MORGUE, NORTHERN DISTRICT.

Employees,	\$1,521 60
Surgical supplies,	240 41
Furnishings,	214 40
Telephone service,	15 56
Stationery,	7 65

1,999 62

24,437 54

MISCELLANEOUS EXPENSES.

Treasury Department:

Charles H. Slattery, County

Treasurer,	\$800 00
Paymaster,	3,600 00

Carried forward,

\$4,400 00

\$1,137,971 02

<i>Brought forward,</i>	\$4,400 00	\$1,137,971 02
Clerk hire,	800 00	
Printing and stationery,	43 19	
Telephone service,	42 76	
		\$5,285 95
Sheriff, Fred H. Seavey,		3,000 00
Auditing Department:		
J. Alfred Mitchell, Auditor of		
the County of Suffolk,	\$800 00	
Printing and stationery,	117 30	
		917 30
Collecting Department:		
Clerk hire,		700 00

EARLY COURT RECORDS.

Records, Courts of Assistants, Vol. III.,	538 75
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COMMISSION ON THE INFERIOR COURTS
OF THE COUNTY OF SUFFOLK.

Secretary, William A. Murphy,	\$1,500 00	
Statistical work,	400 00	
Advertising,	114 42	
Stenographic work,	100 30	
Printing and stationery,	57 75	
Postage,	24 00	
Messenger service,	8 15	
		2,204 62
		12,646 62
State Highway Assessment:		
Assessment,	\$383 76	
Interest,	11 51	
		395 27

COUNTY DEBT.

Debt paid during the year,	\$37,666 67	
Sinking fund requirement,	39,209 00	
		76,875 67

COUNTY INTEREST.

Interest paid on county debt,	140,223 83
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NATURALIZATION FEES.

Annual payment to the Social Law Library, under the provisions of section 4, chapter 38, Revised Laws, and chapter 527 of the Acts of 1906,	1,000 00
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COUNTY FINES, ETC.

Amounts paid to complainants,	\$550 40	
Bail refunded,	500 00	
		1,050 40
PAY ROLL TAILINGS,		857 79
OLD CLAIMS,		75 76

PENAL INSTITUTIONS DEPARTMENT.

HOUSE OF CORRECTION.

Salaries and wages to January 25, 1912, inclusive:

James H. Cronin,		
Master,	\$2,493 40	
Employees,	70,831 46	
Pensions,	653 75	
		\$73,978 61

<i>Carried forward,</i>	\$73,978 61	\$1,371,096 36
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<i>Brought forward,</i>	\$73,978 61		\$1,371,096 36
Food,	66,719 43		
Ice,	25 48		
Clothing,	12,363 16		
Bedding,	2,810 03		
Furniture and household supplies,	6,303 85		
Fuel,	19,810 45		
Light:			
Oil,	\$101 52		
Maintenance of plant,	591 58		
		693 10	
Medical and surgical supplies,	\$1,354 90		
Liquors,	98 50		
		1,453 40	
Printing,	247 88		
Advertising,	29 10		
Stationery,	246 80		
Postage,	270 10		
Religious services,	1,968 34		
Instruction and amusement:			
Entertainment of inmates,	\$148 71		
Library and school supplies,	301 35		
		450 06	
Disinfectants,	278 60		
Repairs and improvements,	7,957 17		
Agricultural,	6,526 84		
Freight,	68 64		
Transportation,	105 27		
Tobacco,	285 99		
Soap and laundry supplies,	872 44		
Telephone service,	217 51		
Gratuities,	235 10		
Insurance,	162 50		
Expenses of officer in defence of suit,	500 00		
Expert services and small items,	25 00		
Photographs of buildings, etc., for exhibits,	325 50		
Payments under Uniform Desertion Act,	90 00		
			\$205,020 35
MACHINERY AND MATERIALS FOR MANUFACTURING.			
Stone Department:			
Salaries and wages,	\$2,580 58		
Stone,	7,451 06		
Freights,	1,160 50		
Tools,	292 74		
		\$11,484 88	
Other industries:			
Salaries and wages,	\$2,941 30		
Materials,	19,319 92		
<i>Carried forward,</i>	\$22,261 22	\$11,484 88	\$205,020 35
			\$1,371,096 36

<i>Brought forward,</i>	\$22,261 22	\$11,484 88	\$205,020 35	\$1,371,096 36
Freights and cart- age,	64 18	22,325 40		
			33,810 28	

OFFICE EXPENSES.

Salaries:

Fred S. Gore, Commissioner,	\$5,000 00
Dennis D. Dris- coll, Deputy Commissioner,	2,493 40
Employees,	12,584 67

\$20,078 07

Transportation,	260 77
Telephone service,	257 10
Printing,	212 04
Postage,	113 66
Stationery,	69 18
Office expenses,	26 15
Premium on surety bond,	5 00

21,021 97

DEER ISLAND IMPROVEMENTS.

Payments on account.

Dredging dock,	\$2,750 00
Lumber,	1,106 45
Roofing,	842 91
Hardware, etc.,	495 98
Plumbing materials,	437 49
Lime and cement,	384 00
Services of diver,	87 00
Brick,	19 00
Advertising,	12 20
Mimeographing,	11 25
Drain pipe,	6 40

6,152 68

266,005 28

Total payments on account of County of Suffolk, \$1,637,101 64

Gross expenditure on County account, \$1,637,101 64

Less payments on account of:

Pay roll tailings,	\$857 79
Old claims,	75 76
	933 55

Actual expenses on account of County of
Suffolk,

\$1,636,168 09

SINKING FUNDS.

Statement of the Sinking Funds of the City of Boston for the Financial Year 1911-1912, which ended January 31, 1912.

Amount of resources for the redemption of debt January

31, 1911:

Cash in banks,	\$2,845,916 25
Investments,	38,058,130 00

\$40,904,046 25

Receipts in 1911-1912:

Interest on investments,	\$1,398,850 00
Interest on bank deposits,	67,133 06
Appreciation of investments,	16,959 18
Revenue from betterments, sales of land, etc.,	556,762 89
Appropriation for debt, 1911-1912,	1,502,207 00
Premium on loans,	10,386 84

3,552,298 97

\$44,456,345 22

Paid in 1911-1912:

City Treasurer, for redemption of debt, and debt canceled,	\$2,076,000 00
Premium and interest on investments purchased,	7,800 27

2,083,800 27

Amount of resources January 31, 1912,

\$42,372,544 95

Cash in banks,	\$3,699,414 95
Investments,	38,673,130 00

\$42,372,544 95

RESOURCES OF SINKING FUNDS.

NAME OF SINKING FUND.	Cash.	Investment.	Total.
Atlantic Avenue Extension.....	\$66,900 00	\$112,000 00	\$178,900 00
Blue Hill and Other Avenues.....	131,626 67	956,100 00	1,087,726 67
Cambridge Bridge.....	42,870 88	180,050 00	222,920 88
Charles River Basin.....	47,810 96	59,000 00	106,810 96
Fifteen-Year.....	74,601 77	285,500 00	360,101 77
Highways, Making of, No. 1.....	284,875 40	989,200 00	1,274,075 40
Highways, Making of, No. 2.....	149,939 34	2,969,500 00	3,119,439 34
Improved Sewerage, Special.....	6,387 77	383,500 00	389,887 77
New Ferry Landing.....	50,560 37	254,500 00	305,060 37
New Public Library, Special.....	16,839 73	405,600 00	422,439 73
Public Park.....	272,939 16	3,023,800 00	3,296,739 16
Public Park, Special.....	134,824 43	5,418,000 00	5,552,824 43
Rapid Transit Loans:			
Rapid Transit.....	101,257 29	1,319,000 00	1,420,257 29
Boston Tunnel and Subway.....	49,123 95	509,300 00	558,423 95
Cambridge Connection.....	23,170 72	.....	23,170 72
East Boston Tunnel.....	102,555 43	361,000 00	463,555 43
Riverbank Subway.....	1,400 79	.....	1,400 79
Charlestown Bridge, No. 1.....	33,989 88	168,000 00	201,989 88
Charlestown Bridge, No. 2.....	16,293 84	215,600 00	231,893 84
Schoolhouses, No. 1.....	46,268 10	168,000 00	214,268 10
Schoolhouses, No. 2.....	445,192 80	2,932,500 00	3,377,692 80
Separate Systems of Drainage, No. 1.....	104,993 15	338,000 00	442,993 15
Separate Systems of Drainage, No. 2.....	43,214 87	38,000 00	81,214 87
Sewerage Loan, No. 1.....	283,469 40	2,738,480 00	3,021,949 40
Sewerage Loan, No. 2.....	41,546 55	19,000 00	60,546 55
Stony Brook Improvement.....	40,484 40	433,900 00	474,384 40
Ten-Year.....	2,000 00	11,000 00	13,000 00
Twenty-Year.....	347,630 70	10,029,260 00	10,376,890 70
Thirty-Year, No. 1.....	29,969 88	132,600 00	162,569 88
Thirty-Year, No. 2.....	38,600 64	176,000 00	214,600 64
Suffolk County Courthouse.....	28,551 93	1,432,500 00	1,461,051 93
Cochituate Water.....	340,955 94	2,614,240 00	2,955,195 94
Moneys for Reduction of Debt.....	298,568 21	.....	298,568 21
Total Resources.....	\$3,699,414 95	\$38,673,130 00	\$42,372,544 95

DEBT PAID AND CANCELED, 1911-1912.

The following table shows the amount of debt paid and canceled during the year ending January 31, 1912, the objects for which and the rate of interest at which it was borrowed:

Dates of Orders.	Rate of Interest.	OBJECTS FOR WHICH IT WAS BORROWED.	Amount.	Total.
<i>City Debt.</i>				
<i>Paid.</i>				
April 30 and May 16, 1891..	4	Schoolhouses and Sites.....	\$500,000 00	
Oct. 26, 1891.....	4	Sewers.....	421,000 00	
Dec. 5, 1891.....	4	L Street Bridge.....	160,000 00	
" 10, 1891.....	4	Commonwealth avenue, Construction.....	210,000 00	
" 24, 1891.....	4	Dorchester avenue, Paving, Wards 15 and 24...	125,000 00	
Jan. 2, 1892.....	4	New Buildings, City Hospital.....	136,500 00	
" 23, 1892.....	4	Allston Bridge.....	90,000 00	
" ".....	4	Improved Sewerage.....	234,000 00	
Chap. 467, Acts of 1898...	3½	Cambridge Bridge.....	3,000 00	
July 26, 1907.....	3½	Playgrounds, Ward 13.....	1,250 00	
" ".....	3½	Playground, Ward 17.....	4,000 00	
May 6, 1909.....	3½	Gymnasium, East Boston.....	5,000 00	
" ".....	3½	L Street Bath, Addition for Women.....	5,000 00	
" ".....	3½	New Fireboat.....	5,000 00	
" ".....	3½	Charlestown Playground, Sanitary.....	1,000 00	
" ".....	3½	Roslindale Playground, Sanitary.....	1,500 00	
" ".....	3½	Columbus Avenue Playground, Sanitary and Lockers.....	1,000 00	
" ".....	3½	New Library Building, Ward 22.....	1,000 00	
" ".....	3½	Footbridge, Dalton street to Boylston street...	1,000 00	
" ".....	3½	" Washington street to Hyde Park ave.,	1,000 00	
Chap. 446, Acts of 1909...	3½	High School of Commerce and School Administration Building.....	2,500 00	
Dec. 13, 1909.....	3½	East Boston Courthouse and Police Station....	2,500 00	
Chap. 534, Acts of 1902...	3½	Boston Tunnel and Subway.....	6,000 00	
Feb. 12, 1909.....	4	Land and Buildings for Schools.....	25,000 00	
Mar. 29, 1910.....	4	" ".....	25,000 00	
May 6, 1909.....	4	Consumptives' Hospital, Domestic Building....	5,000 00	
" ".....	4	Highways, Making of.....	15,000 00	
" 17, 1910.....	4	" ".....	15,000 00	
Mar. 30, 1910.....	4	Sewerage Works.....	10,000 00	
April 12, 1910.....	4	Separate Systems of Drainage.....	23,000 00	
May 17, 1910.....	4	Bowdoin street, Grade Damages.....	3,000 00	
" 6, 1909.....	4	East Boston Courthouse and Police Station....	4,000 00	
July 12, 1900.....	4	Broadway Bridge, Rebuilding.....	2,000 00	
Oct. 30, 1902.....	4	Bathing Establishment, Ward 15, Additional...	1,000 00	
July 26, 1907.....	4	" ".....	2,000 00	
" 29, 1905.....	4	" ".....	1,000 00	
" 26, 1907.....	4	Bath House and Gymnasium, Ward 15, Ninth st.,	1,000 00	
" ".....	4	Bath House, Charlestown.....	2,000 00	
" ".....	4	Playground, Parker Hill.....	3,000 00	
May 6 and May 24, 1909...	4	Bath House, Orient Heights.....	1,000 00	
" " " ".....	4	Consumptives' Hospital, Completion of Second Ward.....	1,000 00	
" " " ".....	4	Consumptives' Hospital, Cottage Ward for Women.....	2,000 00	
" " " ".....	4	Fire Station, Oak Square and Faneuil Section...	2,000 00	
" " " ".....	4	Playground, Ward 7.....	2,000 00	
" " " ".....	4	" 16.....	2,000 00	
Oct. 13, 1909.....	4	Fire Station, Lauriat Avenue District.....	2,000 00	
Jan. 19, 1910.....	4	New Library Building, Ward 22, Additional....	1,000 00	
" 31, 1910.....	4	Geneva avenue, Bowdoin street to Columbia rd.,	3,000 00	
" ".....	4	Washington street, West Roxbury.....	1,000 00	
Mar. 15, 1910.....	4	Locker Building, Franklin Field, Completion of,	500 00	
" 22, 1910.....	4	New Fireboat.....	1,000 00	
Carried forward.....			\$2,071,750 00	

DEBT PAID AND CANCELED, 1911-1912.—*Concluded.*

Dates of Orders.	Rates of Interest.	OBJECTS FOR WHICH IT WAS BORROWED.	Amount.	Total.
April 12, 1910.....	4	<i>Brought forward</i>	\$2,071,750 00	
" " ".....	4	Playgrounds, Improvements.....	2,000 00	
May 24, 1910.....	4	Savin Hill Park, Loam and Planting.....	500 00	
" 6, 1909.....	3½	Neponset Playground, Filling and Grading.....	1,000 00	
July 19, 1910.....	3½	New Quarters for Fireboat Crew.....	3,000 00	
" 27, 1910.....	3½	Old Colony avenue.....	2,000 00	
" " ".....	4	Chelsea Bridge South (Temporary Bridge).....	8,000 00	
Oct. 11, 1910.....	4	Meridian Street Bridge.....	9,000 00	
Nov. 16, 1910.....	3½	Hospital Department, Estate Massachusetts avenue and Northampton street.....	4,000 00	
		Fire Department, Repair Shop.....	5,000 00	\$2,106,250 00
		<i>Canceled.</i>		
Aug. 24, 1892.....	4	New Lunatic Hospital.....	\$18,000 00	
July 3, 1901.....	3½	Insane Hospital, Land and Buildings.....	12,000 00	
May 20, 1904.....	3½	" " Furnishing New Buildings.....	11,000 00	
Oct. 24, 1891.....	4	Library Building, Copley Square.....	41,500 00	
Chap. 323, Acts of 1891...	3½	Highways, Making of.....	17,000 00	99,500 00
		<i>Water Debt.</i>		
		<i>Canceled.</i>		
May 28, 1887.....	3½	Extension of Mains, etc.....	\$2,000 00	
Oct. 15, 1887.....	4	" " ".....	5,000 00	
Oct. 13, 1890.....	4	" " ".....	1,000 00	
Jan. 23, 1892.....	4	" " ".....	4,000 00	
Nov. 13, 1889.....	4	Additional Supply of Water.....	72,000 00	84,000 00
		<i>County Debt.</i>		
Sept. 16, 1885.....	3	Suffolk County Court House.....	\$17,000 00	
Chap. 534, Acts of 1906...	3½	" " " " addition.....	20,666 67	37,666 67
		Total Debt Paid and Canceled.....		<u>\$2,327,416 67</u>

DEBT ISSUED, 1911-1912.

The following table shows the amount of money borrowed during the year ending January 31, 1912, and the objects for which it was borrowed:

Dates of Orders.	Issued.	Rate of Interest.	OBJECTS FOR WHICH IT WAS BORROWED.	AMOUNTS.		When Due.	Annually.
				Inside of Debt Limit.	Outside of Debt Limit.		
Chapter 520, Acts 1906...	Oct. 4, 1911	3½	Rapid Transit, Cambridge Connection.....	.....	\$46,000 00	July, 1956	.....
" " " "	Nov. 1, 1911	4	" " " "	.....	404,000 00	Nov., 1956	.....
Chapter 741, Acts 1911...	Jan. 24, 1912	4	" " " "	.....	300,000 00	Jan., 1957	.....
" " " "	July 1, 1911	3½	Hand Ball Court and Shower Baths, L Street Bath House.....	\$1,500 00	200,000 00	" "	.....
" " " "	" "	3½	Hand Ball Court and Shower Baths, L Street Bath House.....	.....	.....	July, 1912	.....
Aug. 24, 1910.....	" "	3½	Curtis Hall, Reconstruction of.....	1,000 00	.....	" "	.....
Jan. 3, 1911.....	" "	3½	Chelsea Bridge North, Temporary Bridge.....	60,000 00	.....	1912-1926	\$4,000 00
" " " "	" "	3½	Fire Department, Repair Shop.....	10,000 00	.....	" "	2,000 00
March 14, 1911.....	" "	3½	New Quarters for Fireboat Crew.....	20,000 00	.....	" "	2,000 00
April 12, 1911.....	Nov. 1, 1911	4	Land and Buildings for Schools.....	3,000 00	.....	1912-1921	1,000 00
" " " "	" "	4	Highways, Making of.....	500,000 00	.....	1912-1931	25,000 00
May " " "	" "	4	Sewerage Works.....	300,000 00	.....	1912-1931	15,000 00
June 6, 1911.....	" "	4	Municipal Building, South Boston.....	250,000 00	.....	" "	10,000 00
June 26, 1911.....	" "	4	Branch Library, North End.....	120,000 00	.....	1912-1931	6,000 00
" " " "	" "	4	Playground, Ward 5.....	86,000 00	.....	1912-1917	5,000 00
July 1, 1911.....	" "	4	" " " "	50,000 00	.....	1918-1931	4,000 00
" " " "	" "	4	High Pressure Fire Service.....	150,000 00	.....	1912-1931	4,000 00
July 10, 1911.....	" "	4	Separate Systems of Drainage.....	395,000 00	.....	1922-1931	2,000 00
Aug. 24, 1911.....	" "	4	Chelsea North, Temporary Bridge.....	250,000 00	.....	1912-1926	10,000 00
June 30, 1911.....	" "	4	Street Lighting Equipment.....	300,000 00	.....	1912-1916	14,000 00
" " " "	" "	4	" " " "	.....	.....	1917-1941	13,000 00
" " " "	" "	4	" " " "	.....	.....	1912-1921	25,000 00
" " " "	" "	4	" " " "	.....	.....	1912-1921	30,000 00
Totals.....				\$2,576,500 00	\$950,000 00		
				Inside Debt Limit.....	\$2,576,500 00		
				Outside Debt Limit.....	950,000 00		
				Total.....	\$3,526,500 00		

LOANS AUTHORIZED, BUT NOT ISSUED.

January 31, 1912.

Date of Order.	Object.	Inside of Debt Limit.	Outside of Debt Limit.
March 29, 1898...	South Union Station (Chap. 248, Acts 1898).	\$425,000 00	
May 26, 1898....	Cambridge Bridge (Chap. 467, Acts 1898).		*
June 1, 1899.....	Sewerage charges, repayment of (Chap. 450, Acts 1899).		†
June 2, 1899.....	Atlantic avenue extension (Chap. 466, Acts 1899).		‡
June 27, 1902....	Boston Tunnel and Subway (Chap. 534, Acts 1902).		§
March 16, 1905...	Rapid Transit (Chap. 187, Acts 1905).		\$141,000 00
June 23, 1906....	Rapid Transit, Cambridge Connection (Chap. 520, Acts 1906).		||
July 26, 1907.....	Franklin square, sand gardens and gymnastic apparatus.	2,500 00	
June 28, 1907.....	Riverbank Subway (Chap. 573, Acts 1907).		¶
June 6, 1910.....	High School of Commerce and School Administration Building (Chap. 446, Acts 1909).	300,000 00	
July 27, 1910.....	Broadway Bridge.....	115,000 00	
July 3, 1911.....	High School of Commerce and School Administration Building (Chap. 446, Acts of 1909).	250,000 00	
August 16, 1911..	East Boston Courthouse and Police Station.	60,000 00	
October 3, 1911...	Separate Systems of Drainage.....	5,000 00	
October 21, 1911..	Meridian Street Bridge.....	63,000 00	
Nov. 14, 1911....	Norfolk Street Widening.....	150,000 00	
Nov. 14, 1911....	Pleasant Street Widening (Chap. 591, Acts 1911).		900,000 00
Dec. 30, 1911....	Municipal Building, South Boston..	20,000 00	
July 20, 1911.....	Boylston Street Subway (Chap. 741, Acts 1911).		**
July 20, 1911....	Dorchester Tunnel (Chap. 741, Acts 1911).		††
July 20, 1911.....	East Boston Tunnel Extension (Chap. 741, Acts 1911).		‡‡
		<u>\$1,390,500 00</u>	<u>\$1,041,000 00</u>
	Inside debt limit... \$1,390,500 00		
	Outside debt limit... 1,041,000 00		
	<u>\$2,431,500 00</u>		

* No limit to amount. Borrowed to date, \$1,567,900.

† Limited to amount required to repay all sewerage charges collected by the city under chapter 426, Acts 1897. Borrowed to date, \$415,000.

‡ No limit to amount. Borrowed to date, \$547,900.

§ No limit to amount. Borrowed to date, \$8,496,700.

|| No limit to amount. Borrowed to date, \$1,300,000.

¶ No limit to amount. Borrowed to date, \$505,000.

** No limit to amount.

†† No limit to amount. Borrowed to date, \$300,000.

‡‡ No limit to amount. Borrowed to date, \$200,000.

DEBT, WHEN DUE.

YEAR.	City Debt.	Water Debt.	County Debt.	Total.
1874.	\$1,000 00			\$1,000 00
1912.	* 2,306,925 00	\$291,000 00	\$37,666 66	2,635,591 66
1913.	5,034,900 00	67,000 00	37,666 66	5,139,566 66
1914.	2,634,600 00	395,500 00	37,666 67	3,067,766 67
1915.	2,178,450 00	66,700 00	37,666 66	2,282,816 66
1916.	3,407,400 00	53,800 00	37,666 66	3,498,866 66
1917.	2,991,800 00	420,700 00	37,666 67	3,450,166 67
1918.	1,727,080 00	224,300 00	737,666 66	2,689,046 66
1919.	3,069,100 00	455,000 00	837,666 69	4,361,766 69
1920.	1,467,750 00	187,500 00	37,000 01	1,692,250 01
1921.	3,565,850 00	206,500 00	37,000 00	3,809,350 00
1922.	3,281,200 00	315,000 00	443,000 00	4,039,200 00
1923.	3,829,750 00	34,275 00	112,000 01	3,976,025 01
1924.	2,447,050 00	452,225 00	77,000 00	2,976,275 00
1925.	2,660,750 00	16,000 00	37,000 00	2,713,750 00
1926.	1,090,400 00	16,000 00	37,000 01	1,143,400 01
1927.	2,315,200 00	16,000 00	37,000 00	2,368,200 00
1928.	5,525,250 00	16,000 00	37,000 00	5,578,250 00
1929.	3,560,200 00	303,000 00	37,000 01	3,900,200 01
1930.	4,081,300 00	16,000 00	37,000 00	4,134,300 00
1931.	2,866,000 00	16,000 00	37,000 00	2,919,000 00
1932.	4,921,301 00	16,000 00	37,000 01	4,974,301 01
1933.	1,591,000 00	16,000 00	37,000 00	1,644,000 00
1934.	2,921,000 00	16,000 00	35,666 67	2,972,666 67
1935.	5,479,000 00	16,000 00	35,666 67	5,530,666 67
1936.	5,614,500 00	16,000 00	18,666 67	5,649,166 67
1937.	4,689,000 00	16,000 00	818,666 67	5,523,666 67
1938.	2,164,900 00	16,000 00	114,666 67	2,295,566 67
1939.	1,784,000 00	16,000 00	10,666 60	1,810,666 60
1940.	701,000 00	16,000 00		717,000 00
1941.	269,000 00			269,000 00
1942.	912,000 00			912,000 00
1943.	1,806,000 00			1,806,000 00
1944.	4,389,000 00			4,389,000 00
1945.	4,275,700 00			4,275,700 00
1946.	1,656,000 00			1,656,000 00
1947.	1,635,000 00			1,635,000 00
1948.	2,006,000 00			2,006,000 00
1949.	659,900 00			659,900 00
1950.	1,006,000 00			1,006,000 00
1956.	450,000 00			450,000 00
1957.	500,000 00			500,000 00
Totals..	†\$109,472,256 00	‡\$3,712,500 00	\$3,874,333 33	\$117,059,089 33

* \$16,000 of this amount payable January 1, 1912.

† Includes \$285,850, Hyde Park Town Debt.

‡ Includes \$468,000, Hyde Park Water Debt.

CITY DEBT.

The average annual rate of interest on the *funded* City Debt is about $3\frac{7}{10}$ per cent, as will be seen by the following table:

\$3,194,400 00 at 3 per cent	\$95,832 00
29,000 00 at $3\frac{1}{4}$ "	942 50
47,104,331 00 at $3\frac{1}{2}$ "	1,648,651 59
40,719,475 00 at 4 "	1,628,779 00
9,350 00 at $4\frac{1}{2}$ "	420 75
<u>\$91,056,556 00</u>	<u>\$3,374,625 84</u>
17,000 00 (matured)	
<u>\$91,073,556 00</u>	

RAPID TRANSIT DEBT.

The average annual rate of interest on the Rapid Transit Debt is about $3\frac{6.8}{100}$ per cent:

\$451,000 00 at 3 per cent	\$13,530 00
10,501,850 00 at $3\frac{1}{2}$ "	367,564 75
7,445,850 00 at 4 "	297,834 00
<u>\$18,398,700 00</u>	<u>\$678,928 75</u>

COCHITUATE WATER DEBT.

The average annual rate of interest on the Water Debt is about $3\frac{9}{10}$ per cent:

\$834,000 00 at $3\frac{1}{2}$ per cent	\$29,190 00
2,878,500 00 at $4\frac{1}{2}$ "	115,140 00
<u>\$3,712,500 00</u>	<u>\$144,330 00</u>

COUNTY DEBT.

The average annual rate of interest on the County Debt is about $3\frac{3}{5}$ per cent:

\$408,000 00 at 3 per cent	\$12,240 00
* 2,245,333 33 at $3\frac{1}{2}$ "	78,586 67
1,221,000 00 at 4 "	48,840 00
<u>* \$3,874,333 33</u>	<u>\$139,666 67</u>

TOTAL DEBT.

The average annual rate of interest on the Total Debt is about $3\frac{7}{10}$ per cent.

* Includes \$545,333.33 issued by the Commonwealth under chapter 534 of the Acts of 1906.

CHARACTER OF THE CITY OF BOSTON FUNDED DEBT.—Continued.

Dates of Orders of Loans.	INTEREST.		OBJECTS OF THE LOANS.	Amounts of Loans.	When Due.	Total for Years.
	Rate.	When Due.				
May 24, 1892.....	4	April and Oct.....	<i>Brought forward.</i>	\$1,429,665 00	.....	\$1,000 00
" " ".....	4	" " ".....	Sewer, Bartlett street, transferred to Park street, Ch's'n.....	530 00	April, 1912.	
" " ".....	4	" " ".....	Burgoyne street, transferred to Street Improvements, Aldermanic District No. 12.....	6,000 00	" "	
" " ".....	4	" " ".....	" " ".....	2,000 00	" "	
" " ".....	4	" " ".....	Dorchester avenue, Crescent avenue to Grafton street, Gerald street, transferred to Street Improvements, Aldermanic District No. 10.....	10,000 00	" "	
" " ".....	4	" " ".....	" " ".....	900 00	" "	
" " ".....	4	" " ".....	Harvard street, transferred to Park street, Ch's'n.....	1,400 00	" "	
" " ".....	4	" " ".....	Jerome place, transferred to Street Improvements, Aldermanic District No. 2.....	2,600 00	" "	
" " ".....	4	" " ".....	" " ".....	1,375 00	" "	
" " ".....	4	" " ".....	Joiner street, transferred to Street Improvements, Aldermanic District, No. 2.....	1,400 00	" "	
" " ".....	4	" " ".....	Mead street, transferred to Park street, Ch's'n.....	1,350 00	" "	
" " ".....	4	" " ".....	Monument street, " " ".....	470 00	" "	
" " ".....	4	" " ".....	Prescott street, " " ".....	3,840 00	" "	
" " ".....	4	" " ".....	School street, " " ".....	665 00	" "	
" " ".....	4	" " ".....	Stacey street, " " ".....	1,530 00	" "	
" " ".....	4	" " ".....	Elwood street, " " ".....	25,000 00	" "	
" " ".....	4	" " ".....	" " ".....	50,000 00	" "	
" " ".....	4	" " ".....	Winthrop street, " " ".....	89,000 00	" "	
Sept. 20, " " ".....	4	Jan. and July.....	Sewer Division, Tugboat Buildings, Gallop's Island and Swett street.....	31,000 00	July,	
Aug. 24, " " ".....	4	" " ".....	New Lunatic Hospital.....	243,200 00	" "	
May 20, 1891.....	4	" " ".....	Laying Out and Construction of Highways.....	25,000 00	Oct.,	
" " ".....	4	April and Oct.....	Laying Out Streets Department.....	42,000 00	" "	
Oct. 7, 1892.....	4	" " ".....	City Hospital, Additional Land.....	\$150,000 00	Jan., 1913.	1,968,925 00
May 20, 1891.....	4	Jan. and July.....	Laying Out and Construction of Highways.....	233,000 00	" "	
Dec. 16, 1881.....	4	" " ".....	West Roxbury Park.....	50,000 00	" "	
" " 24, " " ".....	4	" " ".....	East Boston Park.....	60,000 00	" "	
" " 28, " " ".....	4	" " ".....	Arnold Arboretum.....	13,000 00	" "	
" " 26, 1902.....	3 1/2	" " ".....	Harvard Bridge, New Pavement.....	300,000 00	" "	
Dec. 16, 1881.....	4	April and Oct.....	West Roxbury Park.....	285,000 00	April,	
" " 24, " " ".....	4	" " ".....	Charles River Embankment.....	100,000 00	" "	
" " ".....	4	" " ".....	City Point Park.....		" "	

[illegible]

	1895.	1915.
Jan. 4, 1895.	\$213,000 00	\$213,000 00
" " "	5,000 00	5,000 00
" " "	7,000 00	7,000 00
" " "	5,000 00	5,000 00
" " "	67,650 00	67,650 00
" " "	5,000 00	5,000 00
" " "	4,000 00	4,000 00
" " "	10,000 00	10,000 00
" " "	4,000 00	4,000 00
" " "	5,000 00	5,000 00
" " "	4,000 00	4,000 00
" " "	4,000 00	4,000 00
" " "	4,000 00	4,000 00
" " "	1,000 00	1,000 00
" " "	3,500 00	3,500 00
Carried forward.	\$353,150 00	\$353,150 00

CHARACTER OF THE CITY OF BOSTON FUNDED DEBT.—Continued.

Dates of Orders of Loans.	INTEREST.		OBJECTS OF THE LOANS.	Amounts of Loans.	When Due.	Total for Years.
	Rate.	When Due.				
Mar. 13, 1896.	4	Jan. and July.	<i>Brought forward.</i>	\$2,316,100 00		\$10,588,475 00
May 5.	4	"	Wire Department.	50,000 00	July, 1916.	
Dec. 31, 1895.	4	"	Sewer Outlet, South Boston.	35,000 00	"	
June 15, 1896.	4	"	Sidewalk Assessments, Repayment of.	100,000 00	"	
"	4	"	Public Bath House.	1,000 00	"	
Oct. 5.	4	April and Oct.	Connection with Metropolitan Sewer, East Boston.	64,000 00	Oct.,	
"	4	"	Sewer Outlet, Porter street, East Boston.	25,000 00	"	
June 7.	4	"	New Ferry Landing.	16,000 00	"	
July 3.	4	"	Chapel and Physician's House, Long Island, Furnishing.	23,000 00	"	
"	4	"	Hospital Department, Electric Lighting Plant.	8,000 00	"	
"	4	"	Street Improvements, Ward 7.	10,000 00	"	
"	4	"	"	25,000 00	"	
"	4	"	"	25,000 00	"	
"	4	"	"	15,000 00	"	
"	4	"	"	25,000 00	"	
Oct. 22, 1886.	5½	"	Charles River Embankment.	55,000 00	"	
Nov. 4, 1896.	4	May and Nov.	Sewer Division, Back Bay Outlet.	5,000 00	Nov.,	
"	4	"	Canal street, Relief Sewer.	25,000 00	"	
"	4	"	Connection with Metropolitan Sewer, Charlestown.	23,000 00	"	
"	4	"	D Street Outlet and Relief Sewer, South Boston.	23,000 00	"	
"	4	"	Forest Avenue Section, Temporary Sewer Outlet.	6,000 00	"	
"	4	"	Pumping Station Improvements.	10,000 00	"	
"	4	"	Shamrock Street Outlet.	8,000 00	"	
"	4	"	Storm Sewer, Cornwall and Washington streets, Ward 22.	3,500 00	"	
"	4	"	Wardroom, Ward 20, New Building.	6,500 00	"	
"	4	"	Sub-police Station, Division 11, New Building.	8,500 00	"	
"	4	"	Playground, Fellows street.	2,000 00	"	
"	4	"	" First street.	5,000 00	"	
"	4	"	Grading, Richardson Park.	1,000 00	"	
"	4	"	Adams street, Ward 24, Reconstruction.	7,500 00	"	
"	4	"	Carleton street, Ward 10, Reconstruction.	8,000 00	"	
"	4	"	Centre street, Roxbury, Reconstruction.	5,000 00	"	
"	4	"	Sydney street, Ward 20, Reconstruction.	7,500 00	"	
"	4	"	Tremont street, Lenox street to Roxbury Crossing, Paving.	25,000 00	"	
"	4	"	Chambers street.	2,000 00	"	

[illegible]

CHARACTER OF THE CITY OF BOSTON FUNDED DEBT.—Continued.

Dates of Orders of Loans.	INTEREST.		OBJECTS OF THE LOANS.	Amounts of Loans.	When Due.	Total for Years.
	Rate.	When Due.				
June 18, 1897.....	3½	Jan. and July.....	<i>Brought forward.</i>	\$1,412,000 00	.....	\$13,602,575 00
" 4, ...	3½	"	Talbot Avenue Bridge.....	25,000 00	July, 1917.	
July 13, ...	4	April and Oct.....	Public Park Lands.....	400,000 00	"	
June 18, ...	4	"	Stony Brook Improvement.....	500,000 00	Oct., ...	
"	4	"	Wardroom, Ward 7, Tyler street.....	5,000 00	"	
"	4	"	" " 17, Alterations.....	5,000 00	"	
"	4	"	" " 19, ...	5,000 00	"	
"	4	"	Public Bath House, Additional.....	15,000 00	"	
"	4	"	City Hall, Fireproofing Dome, etc.....	14,000 00	"	
"	4	"	Highland Park.....	5,000 00	"	
"	4	"	Adams street, Park to Parkman, Widening.....	10,000 00	"	
"	4	"	Capen street, Laying Out.....	3,000 00	"	
"	4	"	Green street, Main to High, Widening.....	7,000 00	"	
"	4	"	Wait street, Laying Out and Construction.....	4,500 00	"	
"	4	"	Leeds street, Extension to Dorchester avenue.....	10,000 00	"	
"	4	"	Bust of General Walker.....	2,500 00	"	
"	4	"	Soldiers' Burial Lot, Mount Hope Cemetery.....	2,500 00	"	
"	4	"	Billings Field, Construction.....	2,500 00	"	
"	4	"	Fellows Street Playground, Additional Land.....	15,000 00	"	
"	4	"	Gymnasium, Ward 10.....	3,500 00	"	
"	4	"	Playstead, Neponset, Construction.....	4,500 00	"	
"	4	"	Playground, Ward 14.....	5,000 00	"	
"	4	"	Purchase of Square, Cambridge, Murdock and Sparhawk streets.....	5,000 00	"	
"	4	"	Ladder Truck, House and Chemical Engine, Grove Hall.....	26,000 00	"	
"	4	"	Engine House, Ward 23.....	12,000 00	"	
"	4	"	Stony Brook Damages.....	2,000 00	"	
July 10, 1895, and June 7, 1896.....	4	"	New Ferry Landing.....	5,000 00	"	
Sept. 24, 1897.....	3½	"	School Buildings, Improvements in.....	100,000 00	"	
Oct. 29, ...	3½	Jan. and July.....	Copp's Hill Burying Ground, Reconstruction of Wall.....	\$1,000 00	Jan., 1918.	2,606,000 00
"	3½	"	Square, Bunker Hill, Vine and Moulton streets.....	2,000 00	"	
"	3½	"	Groton Street School, Paving and Fencing Yard.....	2,000 00	"	
"	3½	"	Whitney street, Ward 19, Extension of.....	5,000 00	"	

CHARACTER OF THE CITY OF BOSTON FUNDED DEBT.—Continued.

Dates of Orders of Loans.	INTEREST.		OBJECTS OF THE LOANS.	Amounts of Loans.	When Due.	Total for Years.
	Rate.	When Due.				
Jan. 4, Feb. 10 and Dec. 31, 1887.....	4	Jan. and July	<i>Brought forward.</i>			
Jan. 24, 1899.....	4	April and Oct.	Public Park Construction.	\$480,500 00	Jan., 1919.	\$17,556,355 00
Feb. 27, ".....	3	"	"	16,000 00	April, "	
" ".....	3	"	Faneuil Hall Building, Reconstruction.	15,000 00	"	
" ".....	3	"	Gymnasium, Ward 9.	15,000 00	"	
" ".....	3	"	Commonwealth Park, Gymnasium.	8,000 00	"	
" ".....	3	"	Veterinary Hospital, Fire Department.	8,000 00	"	
" ".....	3	"	Hospital Buildings, Improvements.	5,600 00	"	
" ".....	3	"	Ann White Vose Building, Equipment and Furnishing.	20,000 00	"	
" ".....	3	"	Christopher Gibson Playground, Construction.	22,000 00	"	
" ".....	3	"	Billings Field, Construction.	4,000 00	"	
" ".....	3	"	North Brighton Playground, Construction.	7,000 00	"	
" ".....	3	"	Mystic Playground.	1,500 00	"	
" ".....	3	"	Neponset Playground.	5,000 00	"	
" ".....	3	"	Fellows Street Playground.	1,000 00	"	
" ".....	3	"	Land for Playgrounds, Executions, etc.	12,000 00	"	
" ".....	3	"	Alms-house, Long Island, New Power House and Equipment.	60,000 00	"	
" ".....	3	"	Deer Island, Hospital for Contagious Diseases.	15,000 00	"	
" ".....	3	"	Wardroom and Gymnasium, Ward 8.	30,000 00	"	
" ".....	3	"	Rutlandford avenue, Widening.	200,000 00	July, "	
Jan. and July ".....	3	"	Laying Out and Construction of Highways:			
Chap. 443, Acts of 1899..	3	"	Brighton.....	\$5,000 00		
			Dorchester.....	250,000 00		
			East Boston.....	300,000 00		
			Roxbury and West Roxbury.	175,000 00		
			New Ferry Landing.....	730,000 00	"	
Chap. 435, Acts of 1895..	3	"	Malden Bridge.....	1,331,200 00	"	
Chap. 280, Acts of 1899..	3	"	Chelsea Bridge, Widening Opening, North Draw.	100,000 00	"	
March 31, 1899.....	3	"	New Buildings, City Hospital.....	30,000 00	"	
June 19, ".....	3	"		14,500 00	"	
Jan. 4, Feb. 10 and Dec. 31, 1887.....	4	"	Public Park Construction.	3,500 00	"	
Sept. 14, 1889.....	3	April and Oct.	Improved Sewerage.	500,000 00	"	
July 12, 1899.....	3	"	Alms-house, Long Island, New Power House and Equipment.	10,000 00	Oct., "	
June 27, ".....	3	"	Faneuil Hall Building, Reconstruction.	8,000 00	"	

	"	"	\$50,000 00	"	"
Malden Bridge.....	"	"	50,000 00	"	"
Long Island Hospital, New Wing....	"	"	50,000 00	"	"
Courthouse, Roxbury District, Enlargement of.	"	"	26,000 00	"	"
Completion of..	"	"	20,000 00	"	"
Gymnasium, First Street Playground.....	"	"	9,350 00	"	"
Mount Hope Cemetery, Administration Building....	"	"	40,000 00	"	"
Municipal Building, Upham's Corner	"	"	35,000 00	"	"
Surgical Out-Patient Department Building, City Hospital .	"	"	200,000 00	April,	"
New Ward for Isolated Patients, City Hospital.....	"	"	50,000 00	June,	"
Land and Buildings, Sanitary and Street Cleaning Divisions, Dorchester.....	"	"	70,000 00	"	"
Rutherford avenue, Widening.....	"	"	34,000 00	"	"
New House of Correction.....	"	"	100,000 00	"	"
Construction or Highways already laid out.....	"	"	85,000 00	"	"
Laying Out and Construction of New Highways.....	"	"	150,000 00	"	"
Women's Prison, Jail.....	"	"	300,000 00	"	"
Strandway, Purchase of Land and Construction of.....	"	"	200,000 00	"	"
Parental School, Land and Buildings.....	"	"	100,000 00	"	"
Garbage Plant, Spectacle Island.....	"	"	75,000 00	"	"
Street Improvements.....	"	"	75,000 00	"	"
Laying Out and Construction of Highways.....	"	"	100,000 00	"	"
Paranal School, Land and Buildings.....	"	"	400,000 00	July,	"
Innsane Hospital; Land and Buildings.....	"	"	3,700 00	Oct.,	"
Municipal Building, Upham's Corner	"	"	13,700 00	"	"
Armory Building, Ward 3.....	"	"	65,000 00	"	"
Public Parks.....	"	"	29,000 00	"	"
" " "	"	"	23,000 00	"	"
" " "	"	"	301,000 00	"	"
Jan. and July	"	"	\$250,000 00	Jan.,	1923.
Apr. and Oct.	"	"	195,000 00	"	"
Library Building, Dartmouth street.....	"	"	40,000 00	"	"
Bath House, North End.....	"	"	7,000 00	"	"
Courthouse, Roxbury District, Additional Public Parks.....	"	"	30,000 00	"	"
Copley square, Buildings on and near Beacon street, Building line.....	"	"	48,000 00	"	"
Parkground, Ward 2.....	"	"	33,000 00	"	"
Street Improvements.....	"	"	25,000 00	"	"
Suffolk County Courthouse.....	"	"	500,000 00	"	"
Jail, New Brick Wall.....	"	"	10,000 00	"	"
Parental School, Conduit for Electric Wires.....	"	"	16,000 00	"	"
Bridge Division, New Trucks.....	"	"	1,500 00	"	"
Carried forward.....	"	"	2,500 00	"	"
Total.....			\$1,158,000 00		\$27,565,205 00

Date	Description	Amount
" 30, 1902.	Cabot street.	50,000 00
" "	Gallop's Island, New Wharf and Coal Pocket.	10,000 00
" "	Public Park, Construction.	100,000 00
" "	Mortuary and Receiving Room, Long Island.	10,000 00
" "	Tie-up for Cattle.	4,500 00
" "	Ice House, Long Island.	2,000 00
" "	Extension of Electric Plant, Long Island.	3,000 00
" "	Coal Pocket and Strengthening Wharf, Long Island.	10,000 00
" "	Wharf, Deer Island, Reconstruction of.	7,000 00
" "	New Building in place of Old Town Hall, Dorchester.	35,000 00
" "	Lancers' Armory, New Plumbing, etc.	10,000 00
" "	Municipal Building, Upham's Corner, Completion of.	30,000 00
" "	Thomas Park, Grading, etc.	5,000 00
" "	Yard for Street Cleaning Division, West End.	5,000 00
" "	Office " " Charlestown.	3,000 00
" "	Fresport street, Retaining Wall.	5,000 00
" "	Bath House, Cabot street.	38,000 00
" "	Tower and Bell on Building, corner of Bunker Hill and Lexington streets.	1,000 00
" "	Reconstruction of Bridges over Railroad Tracks at Norfolk, Harvard, Medway and West Selden streets.	9,000 00
" "	Footbridge over N. Y., N. H. & H. R.R. at Sarsfield street,	5,000 00
" "	Footbridge over N. Y., N. H. & H. R.R. at Northampton street.	5,000 00
" "	Bath House, Cabot street.	12,000 00
" "	Mount Hope Cemetery, Additional Land, etc.	30,000 00
" "	Faneuil Hall Market, Sanitary Station and Installation of Electric Lights.	5,000 00
" "	Parental School, Electric Plant.	10,000 00
" "	Mount Hope Cemetery, Developing Land.	5,000 00
" "	Faneuil Hall Market, New Roof.	4,000 00
" "	Hospital Department, Surgical Out-Patient Department Building.	7,000 00
" "	Public Parks.	4,200 00
" "	Library Building, Dartmouth street.	500,000 00
" "	Footbridge over N. Y., N. H. & H. R. R. at Gainsboro' street,	450,000 00
" "	Playground, Wards 7 and 9.	325,000 00
" "	Public Parks.	5,000 00
" "	Van Winkle street, Tunnel under Railroad Tracks.	30,000 00
" "	Reconstruction of Bridges over Railroad Tracks at Norfolk, Harvard, Medway and West Selden streets.	\$99,000 00
" "		5,800 00
" "		31,000 00
" "		\$135,800 00

Carried forward.....

\$31,116,705 00

CHARACTER OF THE CITY OF BOSTON FUNDED DEBT.—Continued.

Dates of Orders of Loans.	INTEREST.		OBJECTS OF THE LOANS.	Amounts of Loans.	When Due.	Total for Years.
	Rate.	When Due.				
Jan. 2, 1904.....	3½	Jan. and July.....	<i>Brought forward</i>	\$135,800 00	.....	\$31,116,705 00
" " ".....	3½	" " ".....	Stony Brook Damages.....	186,000 00	Jan., 1924.	
" " ".....	3½	" " ".....	Street Improvements.....	150,000 00	" " ".....	
" " ".....	3½	" " ".....	" " ".....	14,000 00	" " ".....	
Dec. 29, 1903.....	3½	June and Dec.....	Atlantic avenue, Reconstruction of.....	66,000 00	June, " ".....	
Apr. 2, 1904.....	3½	" " ".....	" " ".....	75,000 00	" " ".....	
May 20, " ".....	3½	" " ".....	Institutions, New Boat.....	28,000 00	" " ".....	
" " ".....	3½	" " ".....	Shawmut Avenue Bridge, Rebuilding.....	300,000 00	" " ".....	
" " ".....	3½	" " ".....	Street Improvements.....	14,000 00	" " ".....	
" " ".....	4	Jan. and July.....	Insane Hospital Department, Furnishing New Buildings.....	100,000 00	July, " ".....	
" " ".....	4	April and Oct.....	Public Park, Wards 6 and 7.....	100,000 00	Oct., " ".....	
" " ".....	4	" " ".....	" " ".....	1,000,000 00	" " ".....	
May 20, 1901.....	4	" " ".....	Public Parks.....		" " ".....	2,168,800 00
Oct. 23, 1893.....	4	" " ".....	" " ".....	\$1,000,000 00	Jan. 2, 1925.	
June 8, 1894.....	4	Jan. and July.....	Public Parks.....	48,500 00	" " ".....	
Oct. 24, 1891.....	4	" " ".....	Library Building, Dartmouth street.....	50,000 00	April, " ".....	
May 17, 1893.....	4	April and Oct.....	Public Park, Wards 6 and 7.....	208,000 00	Oct., " ".....	
" " ".....	4	" " ".....	" " ".....	18,500 00	Dec., " ".....	
July 29, 1905.....	3½	June and Dec.....	Bennington street, Sewer Damages.....	13,000 00	" " ".....	
" " ".....	3½	" " ".....	Strandway, Purchase of Land and Construction of.....	1,500 00	" " ".....	
" " ".....	3½	" " ".....	Copley square, Buildings on and near.....	1,000 00	" " ".....	
" " ".....	3½	" " ".....	Eustis Street Burying Ground, Fence.....	5,000 00	" " ".....	
" " ".....	3½	" " ".....	Bath House, Cabot street.....	7,000 00	" " ".....	
" " ".....	3½	" " ".....	Cottage Street Bridge.....	9,000 00	" " ".....	
" " ".....	3½	" " ".....	Dover Street Bridge, Widening Draw Opening.....	25,000 00	" " ".....	
" " ".....	3½	" " ".....	Coal Pocket, Ferry Division.....	12,000 00	" " ".....	
" " ".....	3½	" " ".....	Equipping Ferryboats.....	7,500 00	" " ".....	
" " ".....	3½	" " ".....	Freepoint Street, Retaining Wall.....	220,000 00	" " ".....	
" " ".....	3½	" " ".....	Street Improvements.....	500 00	" " ".....	
" " ".....	3½	" " ".....	Chelsea Bridge, South Draw, Reconstruction of.....	757,000 00	" " ".....	
" " ".....	3½	" " ".....	Abolition Grade Crossing, Dorchester avenue.....		" " ".....	2,383,500 00
Nov. 27, " ".....	3½	" " ".....	" " ".....		" " ".....	
Oct. 30, 1902.....	3½	Jan. and July.....	Commonwealth Park, Sanitary, Open-air Gymnasium and Grading.....	\$10,000 00	Jan., 1926.	

CHARACTER OF THE CITY OF BOSTON FUNDED DEBT.—Continued.

Dates of Orders of Loans.	INTEREST.		OBJECTS OF THE LOANS.	Amounts of Loans.	When Due.	Total for Years.
	Rate.	When Due.				
July 26, 1907.....	4	Jan. and July.....	<i>Brought forward</i>	\$1,522,450 00	.....	\$36,489,155 00
" ".....	4	" ".....	Marcella Street Playground, Gymnastic Apparatus and Shower Baths.....	4,500 00	July, 1927.	
" ".....	4	" ".....	Cottage St. Playground, Gymnastic Apparatus, Lockers, etc.....	5,000 00	" ".....	
" ".....	4	" ".....	Highways, Making of.....	250,000 00	" ".....	
" ".....	4	" ".....	Hospital for Consumptives.....	140,000 00	" ".....	
" ".....	4	" ".....	Mt. Washington Avenue Bridge.....	60,000 00	" ".....	
" ".....	4	" ".....	Savin Hill Park.....	35,000 00	" ".....	
Chap. 453, Acts of 1896..	4	April and Oct.....	Public Parks.....	50,000 00	Oct.,	
Chap. 319, Acts of 1897..	3½	Jan. and July.....	Laying Out and Construction of Highways.....	\$750,000 00	Jan., 1928.	2,066,950 00
Chap. 408, Acts of 1895, and Chap. 442, Acts of 1897.....	3½	" ".....	Schoolhouses.....	500,000 00	" ".....	
Chap. 426, Acts of 1897..	3½	" ".....	Sewerage Works.....	500,000 00	" ".....	
Chap. 453, Acts of 1896..	3½	" ".....	Public Parks.....	450,000 00	" ".....	
Chap. 313, Acts of 1898..	3½	April and Oct.....	Consumptives' Hospital Department, Buildings and Equipment.....	50,000 00	April,	
Dec. 28, 1907.....	4	" ".....	Wharf, Long Island.....	17,000 00	" ".....	
" ".....	4	June and Dec.....	Land and Buildings for Schools.....	16,500 00	June,	
Chap. 450, Acts of 1907..	4	" ".....	Bath House, North End, Additional.....	1,000,000 00	" ".....	
May 25, 1908.....	4	" ".....	School Building, Parental School.....	20,000 00	" ".....	
" ".....	4	" ".....	Hospital for Consumptives, Additional.....	50,000 00	" ".....	
" ".....	4	" ".....	Chelsea Bridge.....	25,000 00	" ".....	
" ".....	4	" ".....	Huntington Avenue Bridge.....	75,000 00	" ".....	
" ".....	4	" ".....	Massachusetts Avenue Bridge.....	55,000 00	" ".....	
" ".....	4	" ".....	Congress Street Bridge.....	40,000 00	" ".....	
" ".....	4	" ".....	New Fireboat, Additional.....	35,000 00	" ".....	
" ".....	4	" ".....	Emergency Hospital, East Boston, Equipment.....	20,000 00	" ".....	
" ".....	4	" ".....	Washington Street, West Roxbury.....	13,000 00	" ".....	
" ".....	4	" ".....	City Building, Adams and Arcadia streets, Addition.....	25,000 00	" ".....	
Chap. 426, Acts of 1897..	3½	Jan and July.....	Sewerage Works.....	6,500 00	July,	
Chap. 340, Acts of 1897..	3½	" ".....	Laying Out and Construction of Highways, Charlestown street.....	500,000 00	" ".....	
				5,000 00	" ".....	

July 13, 1898. Chap. 408, Acts of 1895, and Chap. 442, Acts of 1897.....	3 1/2	April and Oct.	Chapel, Mount Hope Cemetery.....	25,000 00	Oct.,	"
Chap. 319, Acts of 1897.....	3 1/2	"	Schoolhouses.....	650,000 00	"	"
Chap. 313, Acts of 1898.....	3 1/2	"	Public Parks.....	450,000 00	"	"
Chap. 319, Acts of 1897.....	3 1/2	"	Laying Out and Construction of Highways.....	6,000 00	"	"
Chap. 319, Acts of 1897.....	3 1/2	Jan. and July.....	Laying Out and Construction of Highways.....	\$850 00	Jan.,	1929.
Chap. 319, Acts of 1897.....	3 1/2	"	Playgrounds.....	44,800 00	April,	"
Chap. 412, Acts of 1898.....	3 1/2	"	Highways, Making of.....	151,000 00	"	"
July 29, 1908.....	3 1/2	"	Land and Buildings for Schools.....	250,000 00	"	"
Chap. 450, Acts of 1907.....	3 1/2	"		1,000,000 00	"	"
Chap. 426, Acts of 1897.....	3 1/2					
and Chap. 450, Acts of 1899.....	3 1/2	Jan. and July.....	Sewerage Works.....	1,000,000 00	July,	"
Chap. 412, Acts of 1898.....	3 1/2	"	Playgrounds.....	49,000 00	"	"
Chap. 303, Acts of 1899.....	3 1/2	"	Public Parks.....	500,000 00	"	"
May 25, 1899.....	3 1/2	"	Primary Schoolhouse, Sherwin District, Site.....	15,000 00	"	"
"	3 1/2	"	Grammar Schoolhouse, Tileston District, Site.....	10,000 00	"	"
Chap. 149, Acts of 1898.....	3 1/2	April and Oct.....	Schoolhouses.....	300,000 00	Oct.,	"
Chap. 319, Acts of 1897.....	3 1/2	Jan. and July.....	Laying Out and Construction of Highways.....	\$518,000 00	Jan.,	1930.
Chap. 319 and Chap. 394, Acts of 1897.....	3 1/2	"	Public Parks.....	486,000 00	"	"
"	3 1/2	"	Grammar Schoolhouse, East Boston.....	95,000 00	"	"
Mar. 31, 1899.....	3 1/2	"	"	100,000 00	"	"
"	3 1/2	"	"	100,000 00	"	"
"	3 1/2	"	"	10,000 00	"	"
"	3 1/2	"	Primary Schoolhouse, Site, Warren District, Additional.....	40,000 00	"	"
"	3 1/2	"	"	70,000 00	"	"
"	3 1/2	"	"	50,000 00	"	"
"	3 1/2	"	"	55,000 00	"	"
"	3 1/2	"	Completing and Furnishing School Buildings.....	75,000 00	"	"
Chap. 274, Acts of 1899.....	3 1/2	"	Chestnut Hill Park.....	100,000 00	"	"
Chap. 426, Acts of 1897, and Chap. 450, Acts of 1899.....	3 1/2	"	Sewerage Works.....	109,000 00	April,	"
Chap. 426, Acts of 1897, and Chap. 450, Acts of 1899.....	3 1/2	April and Oct.....	"	154,000 00	July,	"
Chap. 412, Acts of 1898.....	3 1/2	Jan. and July.....	Playgrounds.....	46,000 00	"	"
Chap. 412, Acts of 1898.....	3 1/2	"	Laying Out and Construction of Highways.....	3,850 00	"	"
Chap. 319, Acts of 1897.....	3 1/2	"	"	461,000 00	"	"
Chap. 319, Acts of 1897.....	3 1/2	"	Carried forward.....	\$2,427,550 00		
						\$47,160,555 00

Chap. 394, Acts of 1897, and Chap. 478, Acts of 1900.....	3	"	"	Public Parks.....	74,000 00	"	"	
July 3, 1901.....	3	"	"	Laying Out and Construction of New Highways.....	57,000 00	"	"	
Chap. 478, Acts of 1900.....	3	April and Oct.	"	Laying Out and Construction of Highways.....	56,300 00	April,	"	
Chap. 443, Acts of 1899.....	3	June and Dec.	"	"	195,000 00	June,	"	
Chap. 443, Acts of 1899.....	3	"	"	Brighton.....	99,000 00	"	"	
Chap. 443, Acts of 1899.....	3	"	"	"	130,000 00	"	"	
Chap. 443, Acts of 1899.....	3	"	"	"	100,000 00	"	"	
Chap. 473, Acts of 1901.....	3	"	"	"	125,000 00	"	"	
Chap. 426, Acts of 1897.....	3	"	"	Land and Buildings for Schools.....	1,000,000 00	"	"	
Chap. 466, Acts of 1899.....	3	"	"	Sewerage Works.....	1,000,000 00	"	"	
Chap. 452, Acts of 1900.....	3	"	"	Atlantic Avenue Extension.....	50,000 00	"	"	
Chap. 412, Acts of 1898.....	3	"	"	Broadway Bridge, Rebuilding.....	200,000 00	"	"	
Chap. 274, Acts of 1899.....	3	"	"	Playgrounds.....	100,000 00	"	"	
May 27, 1902.....	3	"	"	Chestnut Hill Park.....	75,000 00	"	"	
June 16, ".....	3	"	"	Ferry Improvements.....	100,000 00	"	"	
Oct. 22, 1901.....	3	Jan. and July.	"	Public Parks.....	5,000 00	July,	"	
Chap. 478, Acts of 1900.....	3	"	"	Playground, Ward 2.....	5,001 00	Oct.,	"	
Chap. 346, Acts of 1897.....	3	"	"	Laying Out and Construction of Highways.....	30,000 00	"	"	
Oct. 22, 1901.....	3	"	"	Playground, Ward 2.....	20,000 00	"	"	
Chap. 323, Acts of 1891.....	3	Jan. and July.	"	Highways, Making of.....	483,000 00	Dec.,	"	
Oct. 30, 1902.....	3	"	"	"	325,000 00	"	"	
Dec. 30, ".....	3	"	"	Land and Buildings for Schools.....	175,000 00	"	"	
Chap. 346, Acts of 1897.....	3	"	"	Laying Out and Construction of Highways, Charlestown street, Parks, Brighton.....	\$5,000 00	Jan.,	1933.	4,860,301 00
Dec. 18, 1901.....	3	"	"	Highways, Making of.....	25,000 00	"	"	
Chap. 426, Acts of 1897.....	3	June and Dec.	"	Sewerage Works.....	500,000 00	June,	"	
Chap. 370, Acts of 1903.....	3	Jan. and July.	"	Dorchester street.....	\$375,000 00	Jan.,	1934.	1,530,000 00
Chap. 370, Acts of 1903.....	3	"	"	Hyde Park avenue.....	225,000 00	"	"	
Chap. 383, Acts of 1903.....	3	"	"	Brandon street and Belgrade avenue.....	100,000 00	"	"	
Chap. 465, Acts of 1903.....	3	"	"	Separate Systems of Drainage.....	400,000 00	"	"	
Chap. 323, Acts of 1891 and Chap. 394, Acts of 1897.....	3	"	"	Charles River Basin.....	300,000 00	"	"	
Chap. 323, Acts of 1891.....	3	"	"	Public Parks.....	170,000 00	"	"	
Chap. 452, Acts of 1900.....	3	"	"	Highways, Making of.....	170,000 00	"	"	
				Broadway Bridge, Rebuilding.....	60,000 00	"	"	
				Carried forward.....	\$1,800,000 00			\$60,142,406 00

CHARACTER OF THE CITY OF BOSTON FUNDED DEBT.—Continued.

Dates of Orders of Loans.	INTEREST.		OBJECTS OF THE LOANS.	Amounts of Loans.	When Due.	Total for Years.
	Rate.	When Due.				
Chap. 199, Acts of 1901, and Order City Council May 12, 1904.....	3½	June and Dec.	<i>Brought forward</i>	\$1,800,000 00	.....	\$80,142,406 00
Chap. 466, Acts of 1899.....	3½	"	Highways, Making of.....	600,000 00	June, 1934.	
Chap. 383, Acts of 1903, and Order City Council July 11, 1903.....	3½	"	Atlantic Avenue Extension.....	100,000 00	"	
July 2, 1894.....	4	"	Separate Systems of Drainage.....	200,000 00	"	
Chap. 548, Acts of 1894.....	4	April and Oct.	Charlestown Bridge.....	10,000 00	Oct.,	
Oct. 26, 1904.....	3½	"	Rapid Transit.....	50,000 00	"	
"	3½	"	Chestnut Hill Park.....	36,300 00	"	
"	3½	"	Strandway, Purchase of Land and Construction of.....	63,700 00	"	
Dec. 30, 1902.....	3½	Jan. and July....	Playground, Wards 7 and 9.....	\$100,000 00	Jan., 1935.	2,860,000 00
Chap. 383, Acts of 1903, and Order City Council July 11, 1903.....	3½	"	Separate Systems of Drainage.....	600,000 00	"	
Jan. 4, 1902.....	3½	"	Playground, Ward 22.....	30,000 00	"	
Chap. 381, Acts of 1903, and Order City Council May 25, 1903.....	3½	"	Northern avenue and Sleeper street.....	10,000 00	"	
Chap. 452, Acts of 1900.....	3½	"	Broadway Bridge, Rebuilding.....	1,500 00	"	
Chap. 548, Acts of 1894.....	4	April and Oct.	Rapid Transit.....	1,000,000 00	April,	
Chap. 408, Acts of 1895.....	4	Jan. and July....	Schoolhouses.....	500,000 00	July,	
May 11, 1895.....	4	"	Blue Hill and Other Avenues.....	1,000,000 00	"	
Chap. 426, Acts of 1897, and Amendments.....	3½	"	Sewerage Works.....	800,000 00	"	
Chap. 323, Acts of 1891, and Order City Council June 27, 1905.....	3½	"	Public Parks.....	19,000 00	"	
Chap. 323, Acts of 1891, and Order City Council June 27, 1905.....	3½	"	Public Parks.....	9,500 00	Oct.,	
Chap. 548, Acts of 1894.....	4	April and Oct....	Charlestown Bridge.....	10,000 00	"	

Chap. 323, Acts of 1891, and Order City Coun- cil June 27, 1905.....	3‡	June and Dec.....	Public Parks.....	5,000 00	Dec.,	"	
Chap. 426, Acts of 1897, and Amendments.....	3‡	"	Sewerage Works.....	200,000 00	"	"	
Chap. 323, Acts of 1891, and Amendments.....	3‡	"	Highways, Making of.....	283,000 00	"	"	
Chap. 199, Acts of 1901.....	3‡	"	"	250,000 00	"	"	
Sept. 30, 1905.....	3‡	"	Separate Systems of Drainage.....	600,000 00	"	"	
Chap. 466, Acts of 1899.....	3‡	Jan. and July.....	Atlantic Avenue Extension.....	\$20,000 00	Jan.,	1936,	5,418,000 00
Chap. 452, Acts of 1900.....	3‡	"	Broadway Bridge, Rebuilding.....	1,500 00	"	"	
Chap. 323, Acts of 1891, and Order City Coun- cil June 27, 1905.....	3‡	"	Public Parks.....	33,000 00	"	"	
Chap. 548, Acts of 1894.....	3‡	"	Rapid Transit.....	250,000 00	"	"	
Chap. 548, Acts of 1894.....	3‡	April and Oct.....	Playground, Wards 7 and 9.....	500,000 00	April,	"	
Dec. 30, 1902.....	3‡	June and Dec.....	Charlestown Bridge.....	170,000 00	June,	"	
Chap. 548, Acts of 1894.....	4	Jan. and July.....	Blue Hill and Other Avenues.....	30,000 00	July,	"	
May 11, 1895.....	4	"	Northern avenue and Sleeper street.....	1,000,000 00	"	"	
Chap. 381, Acts of 1903.....	4	"	Highways, Making of.....	100,000 00	"	"	
May 31, 1906.....	4	"	Separate Systems of Drainage.....	500,000 00	"	"	
March 3, 1906.....	4	"	Sewerage Works.....	600,000 00	"	"	
Chap. 426, Acts of 1897, and Amendments.....	4	"	Charlestown Bridge.....	740,000 00	"	"	
Chap. 548, Acts of 1894.....	4	April and Oct.....	Rapid Transit.....	100,000 00	Oct.,	"	
Chap. 548, Acts of 1894.....	3‡	"	Brookline Street Bridge.....	1,500,000 00	"	"	
Chap. 391, Acts of 1904.....	3‡	Jan. and July.....	Land and Buildings for Schools.....	\$48,000 00	Jan.,	1937.	5,553,500 00
May 20, 1904.....	3‡	"	Public Park Construction.....	50,000 00	"	"	
Jan. 4, 1887.....	3‡	"	Blue Hill and Other Avenues.....	500,000 00	"	"	
Feb. 10, 1887.....	3‡	"	Land and Buildings for Schools.....	60,000 00	"	"	
May 11, 1895.....	3‡	April and Oct.....	Sewerage Works.....	351,400 00	April,	"	
Chap. 20, 1904.....	4	"	Land and Buildings for Schools.....	200,650 00	"	"	
Chap. 426, Acts of 1897, and Amendments.....	4	Jan. and July.....	Sewerage Works.....	535,600 00	July,	"	
May 20, 1904.....	4	"	Separate Systems of Drainage.....	495,000 00	"	"	
Chap. 426, Acts of 1897, and Amendments.....	4	"	Northern avenue and Sleeper street.....	500,000 00	"	"	
Mar. 8, 1907.....	4	"	Rapid Transit.....	300,000 00	"	"	
Chap. 381, Acts of 1903.....	4	"	"	865,000 00	"	"	
Chap. 548, Acts of 1894.....	3‡	"	East Boston Tunnel.....	135,000 00	"	"	
Chap. 548, Acts of 1894.....	3‡	"	Carried forward.....	\$4,040,650 00	"	"	\$73,973,906 00

CHARACTER OF THE CITY OF BOSTON FUNDED DEBT.—Continued.

Dates of Orders of Loans.	INTEREST.		OBJECTS OF THE LOANS.	Amounts of Loans.	When Due.	Total for Years.
	Rate.	When Due.				
Chap. 548, Acts of 1894..	3½	Jan. and July....	<i>Brought forward.</i>	\$4,040,650 00	July, 1937.	\$73,973,906 00
July 13, 1896.....	3½	"	Charlestown Bridge.....	500,000 00	"	
Chap. 426, Acts of 1897, and Amendments.....	4	April and Oct....	Stony Brook Improvement.....	84,000 00	"	
Chap. 391, Acts of 1904..	4	June and Dec....	Sewerage Works.....	4,350 00	Oct., "	
			Brookline Street Bridge.....	9,000 00	Dec., "	
Chap. 548, Acts of 1894..	3½	Jan. and July....	Charlestown Bridge.....	\$300,000 00	Jan., 1938.	4,638,000 00
July 13, 1906.....	3½	"	Stony Brook Improvement.....	100,000 00	"	
Chap. 381, Acts of 1903..	3½	"	Rapid Transit, East Boston Tunnel.....	200,000 00	"	
Chap. 500, Acts of 1897..	3½	April and Oct....	Separate Systems of Drainage.....	200,000 00	April, "	
May 23, 1908.....	4	June and Dec....		655,000 00	June, "	
Chap. 426, Acts of 1897, and Amendments.....	4	"	Sewerage Works.....	300,000 00	"	
Chap. 381, Acts of 1903..	4	"	Northern avenue and Sleeper street.....	100,000 00	"	
Chap. 236, Acts of 1898..	3½	Jan. and July....	Blue Hill and Other Avenues.....	200,000 00	July, "	
Chap. 466, Acts of 1899..	4	April and Oct....	Atlantic Avenue Extension.....	8,900 00	Oct., "	
Chap. 467, Acts of 1898..	3½	"	Cambridge Bridge.....	50,000 00	"	2,113,900 00
Chap. 381, Acts of 1903..	3½	"	Northern avenue and Sleeper street.....	\$50,000 00	April, 1939.	
Jan. 21, 1909.....	3½	"	Hyde Park avenue, from Ashland street to Hyde Park line.....	69,000 00	"	
Mar. 11, 1909.....	3½	"	Separate Systems of Drainage.....	664,000 00	"	
Chap. 426, Acts of 1897, and Amendments.....	3½	"	Sewerage Works.....	300,000 00	"	
Chap. 548, Acts of 1894..	3½	Jan. and July....	Charlestown Bridge.....	200,000 00	July, "	
Chap. 467, Acts of 1898..	3½	"	Cambridge Bridge.....	100,000 00	"	
Chap. 397, Acts of 1899..	3½	"	Stony Brook Improvement.....	350,000 00	"	1,733,000 00
Chap. 548, Acts of 1894..	3½	"	Charlestown Bridge.....	\$200,000 00	Jan., 1940.	
Chap. 467, Acts of 1898..	3½	"	Cambridge Bridge.....	200,000 00	"	
Chap. 548, Acts of 1894..	3½	"	Charlestown Bridge.....	200,000 00	July, "	
Chap. 548, Acts of 1894, and Chap. 500, Acts of 1897.....	3½	"	Rapid Transit.....	50,000 00	"	650,000 00

Chap. 548, Acts of 1894, and Chap. 500, Acts of 1897.....	3	April and Oct....	Rapid Transit, East Boston Tunnel.....	\$250,000 00	Oct., 1941.	250,000 00
Chap. 548, Acts of 1894, and Chap. 500, Acts of 1897.....	3	Jan. and July....	Rapid Transit, East Boston Tunnel.....	\$200,000 00	Jan., 1942.	
Chap. 548, Acts of 1894.....	3	"	Charlestown Bridge.....	5,000 00	"	
Chap. 548, Acts of 1894.....	3	"	Rapid Transit.....	1,000 00	"	
Chap. 548, Acts of 1894, and Chap. 500, Acts of 1897.....	3½	June and Dec....	Rapid Transit, East Boston Tunnel.....	500,000 00	June, "	
Chap. 467, Acts of 1898.....	3½	"	Cambridge Bridge.....	200,000 00	"	906,000 00
Chap. 548, Acts of 1894, and Chap. 500, Acts of 1897.....	3½	Jan. and July....	Rapid Transit, East Boston Tunnel.....	\$300,000 00	Jan., 1943.	
Chap. 548, Acts of 1894.....	3½	June and Dec....	" " " "	1,300,000 00	June, "	
Chap. 190, Acts of 1903, Chap. 467, Acts of 1898.....	3½	"	Cambridge Bridge.....	200,000 00	"	
Chap. 534, Acts of 1902.....	3½	Jan. and July....	Boston Tunnel and Subway.....	\$50,000 00	Jan., 1944.	1,800,000 00
Chap. 534, Acts of 1902.....	3½	June and Dec....	" " " "	950,000 00	June, "	
Chap. 548, Acts of 1894.....	3½	"	Rapid Transit, East Boston Tunnel.....	133,000 00	"	
Chap. 500, Acts of 1897.....	3½	"	Charles River Basin.....	500,000 00	"	
Chap. 190, Acts of 1903, Chap. 465, Acts of 1903.....	3½	"	Cambridge Bridge.....	250,000 00	"	
Chap. 467, Acts of 1898.....	3½	"	Land and Buildings for Schools.....	1,500,000 00	"	
April 18, 1903.....	3½	"	Sewerage Works.....	1,000,000 00	"	
Chap. 426, Acts of 1897.....	3½	"	Cambridge Bridge.....	\$50,000 00	Jan., 1945.	4,383,000 00
Chap. 450, Acts of 1899, Order City Council Jan. 16, 1904.....	3½	Jan. and July....	Land and Buildings for Schools.....	509,000 00	Jan., "	
Chap. 467, Acts of 1898.....	3½	April and Oct....	" " " "	54,000 00	April, "	
May 20, 1904.....	3½	"	Boston Tunnel and Subway.....	586,700 00	"	
Chap. 534, Acts of 1902.....	3½	Jan. and July....	" " " "	1,400,000 00	July, "	
Chap. 534, Acts of 1902.....	3½	"	Land and Buildings for Schools.....	1,500,000 00	"	
Chap. 548, Acts of 1894, Chap. 500, Acts of 1897.....	3½	"	Rapid Transit, East Boston Tunnel.....	100,000 00	"	
Chap. 190, Acts of 1903, Chap. 187, Acts of 1905.....	3½	"	"		"	
<i>Carried forward.....</i>				\$4,169,700 00	.....	\$90,447,806 00

CHARACTER OF THE CITY OF BOSTON FUNDED DEBT.—Continued.

Dates of Orders of Loans.	INTEREST.		OBJECTS OF THE LOANS.	Amounts of Loans.	When Due.	Total for Years.
	Rate.	When Due.				
Chap. 467, Acts of 1898.	3½	Jan. and July.	<i>Brought forward</i>	\$4,169,700 00	July, 1945.	\$90,447,806 00
			Cambridge Bridge.	100,000 00		
Chap. 534, Acts of 1902.	3½	April and Oct.	Boston Tunnel and Subway.	\$11,000 00	April, 1946.	4,269,700 00
Chap. 534, Acts of 1902.	3½	June and Dec.	"	489,000 00	June, "	
Chap. 534, Acts of 1902.	4	Jan. and July.	"	1,000,000 00	July, "	
Chap. 467, Acts of 1898.	4	"	Cambridge Bridge.	150,000 00	"	
Chap. 548, Acts of 1894.						1,650,000 00
Chap. 500, Acts of 1897.			Rapid Transit, East Boston Tunnel.	\$75,000 00	Jan., 1947.	
Chap. 190, Acts of 1903.	3½	"	"		"	
Chap. 187, Acts of 1905.		"	Boston Tunnel and Subway.	13,150 00	"	
Chap. 534, Acts of 1902.	3½	April and Oct.	"	486,850 00	April, "	
Chap. 534, Acts of 1902.	4	Jan. and July.	"	1,000,000 00	July, "	
Chap. 534, Acts of 1902.	4	April and Oct.	Boston Riverbank Subway.	5,000 00	Oct., "	
Chap. 573, Acts of 1907.	4	June and Dec.	Cambridge Bridge.	49,000 00	Dec., "	
Chap. 467, Acts of 1898.	4	"	Boston Tunnel and Subway.	\$2,000,000 00	June, 1948.	1,629,000 00
Chap. 534, Acts of 1902.	4	Jan. and July.	Cambridge Bridge.	\$3,900 00	Jan., 1949.	2,000,000 00
Chap. 467, Acts of 1898.	3½	April and Oct.	Boston Tunnel and Subway.	300,000 00	April, "	
Chap. 520, Acts of 1906.	3½	"	Rapid Transit, Cambridge Connection.	350,000 00	"	
Chap. 520, Acts of 1906.	4	Jan. and July.	Rapid Transit, Cambridge Connection.	\$500,000 00	July, 1950.	653,900 00
Chap. 573, Acts of 1907.	4	"	Boston Riverbank Subway.	500,000 00	"	
Chap. 520, Acts of 1906.	3½	Jan. and July.	Rapid Transit, Cambridge Connection.	\$46,000 00	July, 1956.	1,000,000 00
Chap. 520, Acts of 1906.	4	May and Nov.	"	404,000 00	Nov., "	
Chap. 520, Acts of 1906.	4	Jan. and July.	"	\$300,000 00	Jan., 1957.	450,000 00
Chap. 741, Acts of 1911.	4	"	Dorchester Tunnel.	200,000 00	"	
Chap. 741, Acts of 1911.	4	"	East Boston Tunnel Extension.			
Total Sinking Fund Debt.						\$102,600,406 00

CHARACTER OF THE CITY OF BOSTON FUNDED DEBT.—Continued.
SERIAL DEBT.

Dates of Orders of Loans.	Issued.	INTEREST.		OBJECTS OF THE LOANS.	Amounts of Loans.	When Due.
		Rate.	When Due.			
Chap. 467, Acts of 1898..	Jan. 1, 1910..	3½	Jan. and July	Cambridge Bridge.....	\$9,000 00	\$3,000 annually, Jan., 1913-1915
July 26, 1907.....	" "	3½	"	Playgrounds, Ward 13.....	22,500 00	\$1,250 annually, Jan., 1913-1930
" "	" "	3½	"	Playground, Ward 17.....	72,000 00	\$4,000 annually, Jan., 1913-1930
May 6, 1909.....	" "	3½	"	Gymnasium, East Boston.....	65,000 00	\$5,000 annually, Jan., 1913-1925
" "	" "	3½	"	L Street Bath, Addition for Women.....	25,000 00	\$5,000 annually, Jan., 1913-1917
" "	" "	3½	"	New Fireboat.....	45,000 00	\$5,000 annually, Jan., 1913-1921
" "	" "	3½	"	Charlestown Playground, Sanitary.....	3,000 00	\$1,000 annually, Jan., 1913-1915
" "	" "	3½	"	Roslindale Playground, Sanitary.....	4,500 00	\$1,500 annually, Jan., 1913-1915
" "	" "	3½	"	Columbus Avenue Playground, Sanitary and Lockers.....	10,000 00	\$1,000 annually, Jan., 1913-1922
" "	" "	3½	"	New Library Building, Ward 22.....	18,000 00	\$1,000 annually, Jan., 1913-1930
" "	" "	3½	"	Footbridge, Dalton street to Boylston street.....	8,000 00	\$1,000 annually, Jan., 1913-1920
" "	" "	3½	"	" " Washington street to Hyde Park avenue.....	8,000 00	\$1,000 annually, Jan., 1913-1920
Chap. 446, Acts of 1909..	" "	3½	"	{ High School of Commerce and School Administration } Building.....	45,000 00	\$2,500 annually, Jan., 1913-1930
Dec. 13, 1909.....	" "	3½	"	East Boston Courthouse and Police Station.....	20,000 00	\$2,500 annually, Jan., 1913-1920
Chap. 534, Acts of 1902..	" "	3½	"	Boston Tunnel and Subway.....	228,000 00	\$6,000 annually, Jan., 1913-1950
Feb. 12, 1909.....	July 1, " "	4	"	Land and Buildings for Schools.....	475,000 00	\$25,000 annually, July, 1912-1930
Carried forward.....					\$1,058,000 00	

CHARACTER OF THE CITY OF BOSTON FUNDED DEBT.—Continued.

SERIAL DEBT.

Dates of Orders of Loans.	Issued.	INTEREST.		OBJECTS OF THE LOANS.	Amounts of Loans.	When Due.
		Rate.	When Due.			
Mar. 29, 1910.....	July 1, 1910..	4	Jan. and July....	<i>Brought forward</i>	\$1,058,000 00	
May 6, 1909.....	" " ..	4	" " ..	Land and Buildings for Schools.....	475,000 00	\$25,000 annually, July, 1912-1930
" " ..	" " ..	4	" " ..	Consumptives' Hospital, Domestic Building.....	95,000 00	\$5,000 annually, July, 1912-1930
" 17, 1910.....	" " ..	4	" " ..	Highways, Making of.....	285,000 00	\$15,000 annually, July, 1912-1930
Mar. 30, " ..	" " ..	4	" " ..	" " ..	285,000 00	\$15,000 annually, July, 1912-1930
April 12, " ..	" " ..	4	" " ..	Sewerage Works.....	290,000 00	\$10,000 annually; July, 1912-1940
May 17, " ..	" " ..	4	" " ..	Separate Systems of Drainage.....	651,000 00	\$23,000 annually; July, 1912-1924
" 6, 1909.....	" " ..	4	" " ..	Bowdoin street, Grade Damages.....	46,000 00	\$22,000 annually, July, 1925-1940
July 12, 1900.....	" " ..	4	" " ..	East Boston Courthouse and Police Station.....	76,000 00	\$3,000 annually, July, 1912-1919
Oct. 30, 1902.....	" " ..	4	" " ..	Broadway Bridge, Rebuilding.....	35,000 00	\$2,000 annually, July, 1920-1930
July 26, 1907.....	" " ..	4	" " ..	Bathing Establishment, Ward 15, Additional.....	19,000 00	\$4,000 annually, July, 1912-1930
" 29, 1905.....	" " ..	4	" " ..	" " " Completion of.....	23,000 00	\$2,000 annually, July, 1912-1915
				Bath House and Gymnasium, Ward 15, Ninth street....	4,000 00	\$1,000 annually, July, 1916-1930
						\$1,000 annually, July, 1912-1915

" 26, 1907.....	"	"	"	"	"	Bath House, Charlestown.....	28,000 00	\$2,000 annually, July, 1912-1920
" ".....	"	"	"	"	"	Playground, Parker Hill.....	57,000 00	\$1,000 annually, July, 1921-1930
May 6 and May 24, 1909,	"	"	"	"	"	Bath House, Orient Heights.....	4,000 00	\$3,000 annually, July, 1912-1930
" " ".....	"	"	"	"	"	Consumptives' Hospital, Completion of Second Ward.....	9,000 00	\$1,000 annually, July, 1912-1915
" " ".....	"	"	"	"	"	" " Cottage Ward for Women.....	13,000 00	\$1,000 annually, July, 1912-1920
" " ".....	"	"	"	"	"	Fire Station, Oak Square and Faneuil Section.....	13,000 00	\$2,000 annually, July, 1912-1915
" " ".....	"	"	"	"	"	Playground, Ward 7.....	23,000 00	\$1,000 annually, July, 1916-1920
" " ".....	"	"	"	"	"	" " 16.....	23,000 00	\$2,000 annually, July, 1912-1915
Oct. 13, 1909.....	"	"	"	"	"	Fire Station, Lauriat Avenue District.....	13,000 00	\$1,000 annually, July, 1916-1930
Jan. 19, 1910.....	"	"	"	"	"	New Library Building, Ward 22, Additional.....	9,000 00	\$2,000 annually, July, 1912-1915
" 31, ".....	"	"	"	"	"	Geneva avenue, Bowdoin street to Columbia road.....	47,000 00	\$1,000 annually, July, 1916-1920
" ".....	"	"	"	"	"	Washington street, West Roxbury.....	10,000 00	\$3,000 annually, July, 1912-1920
Mar. 15, ".....	"	"	"	"	"	Locker Building, Franklin Field, Completion of.....	4,000 00	\$2,000 annually, July, 1921-1930
" 22, ".....	"	"	"	"	"	New Fireboat.....	4,000 00	\$1,000 annually, July, 1912-1921
<i>Carried forward.</i>							\$3,599,000 00	\$500 annually, July, 1912-1919
								\$1,000 annually, July, 1912-1915

CHARACTER OF THE CITY OF BOSTON FUNDED DEBT.—Continued.
SERIAL DEBT.

Dates of Orders of Loans.	Issued.	INTEREST.		OBJECTS OF THE LOANS.	Amounts of Loans.	When Due.
		Rate.	When Due.			
April 12, 1910.....	July 1, 1910..	4	Jan. and July....	<i>Brought forward</i>	\$3,599,000 00	\$2,000 annually, July, 1912-1920
" "	" " ..	4	" " ..	Playgrounds, Improvements.....	25,500 00	\$1,000 annually, July, 1921-1927
May 24, "	" " ..	4	" " ..	Savin Hill Park, Loam and Planting.....	2,000 00	\$500 July, 1928
" 6, 1909.....	Jan. 2, 1911..	3½	" " ..	Neponset Playground, Filling and Grading.....	9,000 00	\$500 annually, July, 1912-1915
July 19, 1910.....	" " ..	3½	" " ..	New Quarters for Fireboat Crew.....	12,000 00	\$1,000 annually, July, 1912-1920
" 27, "	" " ..	3½	" " ..	Old Colony avenue.....	26,000 00	\$3,000 annually, Jan., 1913-1916
" "	" " ..	4	" " ..	Chelsea Bridge South (Temporary Bridge).....	72,000 00	\$2,000 annually, Jan., 1913-1923
" "	" " ..	4	" " ..	Meridian Street Bridge.....	116,000 00	\$8,000 annually, Jan., 1913-1921
Oct. 11, "	" " ..	4	" " ..	Hospital Department, Estate Massachusetts avenue and Northampton street.....	63,000 00	\$9,000 annually, Jan., 1913-1916
Nov. 16, "	" " ..	3½	" " ..	Fire Department, Repair Shop.....	85,000 00	\$8,000 annually, Jan., 1917-1926
Jan. 4, 1908.....	July 1, " ..	3½	" " ..	Hand Ball Court and Shower Baths, L Street Bath House, Curtis Hall, Reconstruction of.....	2,500 00	\$4,000 annually, Jan., 1913-1929
Aug. 24, 1910.....	" " ..	3½	" " ..	Chelsea Bridge North (Temporary Bridge).....	60,000 00	\$1,500 July, 1912
Jan. 3, 1911.....	" " ..	3½	" " ..	Fire Department, Repair Shop.....	10,000 00	\$1,000 July, 1913
" "	" " ..	3½	" " ..		20,000 00	\$4,000 annually, July, 1912-1926
" "	" " ..	3½	" " ..			\$2,000 annually, July, 1912-1916
" "	" " ..	3½	" " ..			\$2,000 annually, July, 1912-1921

SERIAL DEBT, INCLUDING HYDE PARK DEBT.

DUE.	January.	May.	July.	October.	November.	Total.
1912.....		\$14,500	\$173,500	\$3,000	\$147,000	\$338,000
1913.....	\$73,800	14,500	173,000	3,000	147,000	411,300
1914.....	73,800	14,000	172,000	3,000	147,000	409,800
1915.....	73,800	13,500	171,000	3,000	147,000	408,300
1916.....	68,300	13,500	161,500	3,000	147,000	393,300
1917.....	64,300	13,500	159,000	3,000	146,000	385,800
1918.....	59,300	13,500	158,500	3,000	145,000	379,300
1919.....	58,300	10,000	157,500	3,000	145,000	373,800
1920.....	57,750	9,000	156,000		145,000	367,750
1921.....	53,250	9,000	147,000		145,000	354,250
1922.....	40,250	9,000	141,000		89,000	279,250
1923.....	39,250	9,000	141,000		89,000	278,250
1924.....	39,250	9,000	141,000		89,000	278,250
1925.....	39,250	9,000	140,000		89,000	277,250
1926.....	32,250	9,000	140,000		89,000	270,250
1927.....	24,250	9,000	136,000		79,000	248,250
1928.....	22,750	4,000	135,500		79,000	241,250
1929.....	22,750	4,000	134,000		79,000	239,750
1930.....	17,750	3,000	133,000		79,000	232,750
1931.....	9,000	3,000	32,000		79,000	123,000
1932.....	6,000		32,000		23,000	61,000
1933.....	6,000		32,000		23,000	61,000
1934.....	6,000		32,000		23,000	61,000
1935.....	6,000		32,000		23,000	61,000
1936.....	6,000		32,000		23,000	61,000
1937.....	6,000		32,000		13,000	51,000
1938.....	6,000		32,000		13,000	51,000
1939.....	6,000		32,000		13,000	51,000
1940.....	6,000		32,000		13,000	51,000
1941.....	6,000				13,000	19,000
1942.....	6,000					6,000
1943.....	6,000					6,000
1944.....	6,000					6,000
1945.....	6,000					6,000
1946.....	6,000					6,000
1947.....	6,000					6,000
1948.....	6,000					6,000
1949.....	6,000					6,000
1950.....	6,000					6,000
						<u>\$6,871,850</u>

COUNTY OF SUFFOLK FUNDED DEBT:

Dates of Orders of Loans.	INTEREST.		OBJECTS OF THE LOANS.	Amounts of Loans.	When Due.	Total for Years.
	Rate.	When Due.				
Sept. 16, 1885.....	3	April and Oct....	Suffolk County Courthouse.....	\$408,000 00		\$408,000 00
July 5 and Sept. 29, 1888..	4	" "	Suffolk County Courthouse.....	\$700,000 00	Oct., 1918.	700,000 00
Jan. 3, 1890.....	3½	" "	Suffolk County Courthouse.....	\$800,000 00	" " 1919.	800,000 00
Aug. 25, 1892.....	4	Jan. and July....	Suffolk County Courthouse.....	\$306,000 00	July, 1922.	
July 11, "	4	" "	Suffolk County Courthouse, Furnishing.....	100,000 00	" "	
Oct. 27, 1893.....	4	April and Oct....	Suffolk County Courthouse, Furnishing.....	\$75,000 00	Oct., 1923.	406,000 00
July 6, 1894.....	4	Jan. and July....	Suffolk County Courthouse.....	\$40,000 00	July, 1924.	75,000 00
May 20, 1887.....	3½	April and Oct....	Suffolk County Courthouse.....	\$800,000 00	April, 1937.	40,000 00
July 5, 1888.....	3½	Jan. and July....	Suffolk County Courthouse.....	\$100,000 00	July, 1938.	800,000 00
Issued by the Commonwealth under chapter 534 of the Acts of 1906.				\$3,329,000 00		\$3,329,000 00
				545,333 33		545,333 33
						<u>\$3,874,333 33</u>

Payable \$17,000 yearly in October.

Issued by the Commonwealth under chapter 534 of the Acts of 1906.

\$3,329,000 00
545,333 33
\$3,874,333 33

April 15, 1889.....	4	"	"	"	"	"	\$200,000 00	April, 1919.
Nov. 13, ".....	3½	"	"	"	"	"	2,000 00	Oct., "
" ".....	4	"	"	"	"	"	135,000 00	" "
" ".....	3½	May and Nov.	"	"	Extension of Mains, etc.	"	102,000 00	Nov., "
" ".....	3½	Jan. and July	"	"	"	"	\$20,000 00	Jan., 1920.
Jan. 3, 1890.....	3½	"	"	"	High Service.....	"	50,000 00	" "
Oct. 13, ".....	3½	"	"	"	Extension of Mains, etc.	"	60,000 00	Oct., "
Nov. 13, 1889.....	4	April and Oct.	"	"	Additional Supply of Water.	"	41,500 00	" "
" ".....	4	"	"	"	"	"	\$50,000 00	April, 1921.
June 27, 1891.....	4	"	"	"	Extension of Mains, etc.	"	140,500 00	Oct., "
Nov. 13, 1889.....	4	"	"	"	Additional Supply of Water	"	\$36,000 00	Jan., 1922.
Jan. 23, 1892.....	4	Jan. and July	"	"	Extension of Mains, etc.	"	75,000 00	April, "
June 1, ".....	4	April and Oct.	"	"	High Service.....	"	188,000 00	Oct., "
Nov. 13, 1889.....	4	"	"	"	Additional Supply of Water.....	"	\$14,500 00	Oct., 1923.
" ".....	4	"	"	"	"	"	3,775 00	" "
April 26, 1893.....	4	"	"	"	"	"	\$436,225 00	Oct., 1924.
" ".....	4	"	"	"	"	"	\$287,000 00	July, 1929.
Jan. 28, 1899.....	3½	Jan. and July	"	"	Extension of Mains, etc.	"	\$3,244,500 00	
" ".....	4	April and Oct.	"	"	Hyde Park Water Debt.	"	468,000 00	
							\$3,712,500 00	

1 \$17,000 due April, 1912-1915; \$16,000 due April, 1916-1940.

RECAPITULATION

Of the Objects for which the Outstanding Funded Debt was Contracted.

<i>City Debt.</i>		
Bath Houses, Gymnasias, etc.		\$592,000 00
Bridges: Miscellaneous	\$1,643,116 66	
Cambridge Bridge	1,361,900 00	
Charlestown Bridge	1,555,000 00	
		4,560,016 66
Ferries		1698,000 00
High Pressure Fire Service		150,000 00
Miscellaneous		1,611,300 00
Public Buildings, exclusive of schoolhouses		6,932,832 46
Playgrounds		1,761,610 98
Public Parks		14,955,800 00
Public Grounds, etc.		192,500 00
Schoolhouses and Sites		16,323,525 00
Sewers: Miscellaneous	\$9,859,760 00	
Bennington Street Sewer Damages	73,800 00	
Charles River Basin	800,000 00	
Improved Sewerage	633,650 00	
Separate Systems of Drainage	5,265,000 00	
Stony Brook	1,265,919 79	
		17,898,129 79
Streets:		
Miscellaneous	\$10,183,790 11	
Highways, Making of	12,226,201 00	
Blue Hill and Other Avenues	2,402,000 00	
		24,811,991 11
Street Lighting Equipment		300,000 00
Rapid Transit	\$4,416,000 00	
Rapid Transit, Cambridge Connection,	1,300,000 00	
Rapid Transit, Dorchester Tunnel	300,000 00	
Rapid Transit, East Boston Tunnel	3,193,000 00	
Rapid Transit, East Boston Tunnel Extension	200,000 00	
Boston Tunnel and Subway	8,484,700 00	
Boston Riverbank Subway	505,000 00	
		18,398,700 00
Hyde Park Town Debt		285,850 00
<i>Water Debt.</i>		
Additional Supply of Water	\$1,450,500 00	
Extension of Mains, etc.	1,205,000 00	
Introduction of Meters and Inspection,	250,000 00	
High Service	249,000 00	
Protection of Water Supply	50,000 00	
Improvement of Lake Cochituate	40,000 00	
Hyde Park Water Debt	468,000 00	
		3,712,500 00
<i>County Debt.</i>		
Suffolk County Courthouse		2,874,333 33
Total City and County Debt		<u>\$117,059,089 33</u>

¹ \$200,000 of this amount transferred to Sewer Division under chapter 450, Acts of 1899.² Includes \$545,333.33 issued by the Commonwealth under chapter 534, Acts of 1906.

THE INDEBTEDNESS OF THE CITY OF BOSTON.

The amount of the Consolidated Funded Debt of the City and County, including Water Debt, on the 31st of January, 1912, was \$117,059,089.33 and made up of the following items:

	Inside of Debt Limit.	Outside of Debt Limit.	Total.
City Debt.....	\$50,842,906 00	\$39,944,800 00	\$90,787,706 00
Rapid Transit.....		4,416,000 00	4,416,000 00
Rapid Transit, Cambridge Con- nection.....		1,300,000 00	1,300,000 00
East Boston Tunnel.....		3,193,000 00	3,193,000 00
Boston Tunnel and Subway.....		8,484,700 00	8,484,700 00
Boston Riverbank Subway.....		505,000 00	505,000 00
Dorchester Tunnel.....		300,000 00	300,000 00
East Boston Tunnel Extension.....		200,000 00	200,000 00
Hyde Park Town Debt.....	285,850 00		285,850 00
	\$51,128,756 00	\$58,343,500 00	\$109,472,256 00
Water Debt.....		3,244,500 00	3,244,500 00
Hyde Park Water Debt.....		468,000 00	468,000 00
County Debt.....	408,000 00	3,466,333 33	* 3,874,333 33
Totals.....	\$51,536,756 00	\$65,522,333 33	\$117,059,089 33

* Includes \$545,333.33 issued by the Commonwealth under chapter 534 of the Acts of 1906.

INTEREST DUE ON DEBT AS FOLLOWS:

DEBT.	March, 1912.	April	May.	June.	July.	September.	October.	November.	December.	January, 1913.	Total.
City.....		\$372,104	\$54,090	\$321,460	\$933,919	.....	\$342,649	\$54,090	\$321,459	\$927,175	\$3,326,946
Hyde Park.....		480	3,800	.....	1,400	.....	480	3,570	.....	1,297	11,087
Rapid Transit.....		59,500	.....	.....	20,403	.....	59,500	.....	.....	20,402	159,805
East Boston Tunnel.....		3,750	.....	33,828	17,175	.....	3,750	.....	33,827	17,175	109,505
East Boston Tunnel Extension.....					4,000	.....	.....	.....	.....	4,000	8,000
Boylston Street Subway.....		100	.....	.....	10,000	.....	100	.....	.....	10,000	20,200
Boston Tunnel and Subway,		24,922	.....	65,182	69,595	.....	24,922	.....	65,183	69,595	319,399
Cambridge Connection.....		6,125	8,080	.....	10,805	.....	6,125	8,080	.....	10,805	50,020
Dorchester Tunnel.....					6,000	.....	.....	.....	.....	6,000	12,000
Water.....		44,543	1,785	.....	16,478	.....	39,063	1,785	.....	16,478	120,132
Hyde Park Water.....		9,360	.....	.....	.....	.....	9,020	.....	.....	.....	18,380
County.....	\$9,544	49,620	.....	.....	10,670	\$9,404	49,620	.....	.....	10,670	139,528
Totals.....	\$9,544	\$570,504	\$67,815	\$420,470	\$1,100,445	\$9,404	\$555,229	\$67,525	\$420,469	\$1,093,597	\$4,295,002

PAYMENTS FOR INTEREST.

1911-1912.

	From Taxes.	From Revenue.	From Loans.	Total.
City Debt.....	\$3,337,318 74	.....	.....	\$3,337,318 74
City Debt, Temporary.....	36,121 98	.....	.....	36,121 98
Hyde Park Debt.....	123 75	.....	.....	123 75
Rapid Transit Debt.....	.....	\$159,805 00	.....	159,805 00
Cambridge Connection Debt.....	.....	.....	\$33,203 47	33,203 47
East Boston Tunnel Debt.....	.....	109,430 00	.....	109,430 00
Boston Tunnel and Subway Debt.....	.....	319,573 78	.....	319,573 78
Riverbank Subway Debt.....	.....	.....	20,300 00	20,300 00
Water Debt.....	.....	127,280 37	.....	127,280 37
County Debt.....	140,223 83	.....	.....	140,223 83
	<u>\$3,513,788 30</u>	<u>\$716,089 15</u>	<u>\$53,503 47</u>	<u>\$4,283,380 92</u>
State Debts:				
Metropolitan Water.....	.....	\$1,107,789 43	.....	\$1,107,789 43
Metropolitan Parks.....	\$228,008 33	.....	.....	228,008 33
Metropolitan Sewers.....	155,208 41	.....	.....	155,208 41
Washington street, West Roxbury.....	2 00	.....	.....	2 00
Abolition of Grade Crossings,	14,811 88	.....	.....	14,811 88
Highways, County.....	11 51	.....	.....	11 51
	<u>\$398,042 13</u>	<u>\$1,107,789 43</u>	<u>.....</u>	<u>\$1,505,831 56</u>

Recapitulation.

City Debt.....	\$3,513,788 30	\$716,089 15	\$53,503 47	\$4,283,380 92
State Debts.....	398,042 13	1,107,789 43	.....	1,505,831 56
	<u>\$3,911,830 43</u>	<u>\$1,823,878 58</u>	<u>\$53,503 47</u>	<u>\$5,789,212 48</u>

	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.
City Debt...	\$3,892,995 58	\$4,021,190 35	\$4,099,213 74	\$4,221,816 37	\$4,283,380 92
State Debts..	1,516,778 28	1,551,569 30	1,703,273 26	1,614,240 90	1,505,831 56
	<u>\$5,409,773 86</u>	<u>\$5,572,759 65</u>	<u>\$5,802,487 00</u>	<u>\$5,836,057 27</u>	<u>\$5,789,212 48</u>

PAYMENTS TO SINKING FUNDS, AND ON ACCOUNT OF SERIAL LOANS.

1910-1911.

1911-1912.

	From Taxes.	From Revenue.	From Premium on Loans.	Total.		From Taxes.	From Revenue.	From Premium on Loans.	Total.
City.....	\$1,500,505 00	\$563,705 52	\$2,690 00	\$2,066,900 52		\$1,686,748 00	\$562,762 89	\$10,386 84	\$2,259,897 73
County of Suffolk.....	76,159 34	.....	.....	76,159 34		76,875 67	.....	.....	76,875 67
State:									
Metropolitan Water.....	\$1,576,664 34	\$563,705 52	\$2,690 00	\$2,143,059 86		\$1,763,623 67	\$562,762 89	\$10,386 84	\$2,336,773 40
Metropolitan Parks.....	\$86,569 99	\$412,744 35	.....	\$412,744 35		.....	\$407,138 15	.....	\$407,138 15
Metropolitan Sewers.....	44,308 03	.....	.....	86,569 99		\$82,083 77	.....	.....	82,083 77
Charles River Basin.....	34,459 00	.....	.....	44,308 03		45,447 02	.....	.....	45,447 02
Abolition of Grade Crossings.....	82,042 77	.....	.....	34,459 00		59,824 85	.....	.....	59,824 85
				82,042 77		101,303 41	.....	.....	101,303 41
	\$247,379 79	\$412,744 35	.....	\$660,124 14		\$288,659 05	\$407,138 15	.....	\$695,797 20
<i>Recapitulation.</i>					<i>Recapitulation.</i>				
City.....	\$1,576,664 34	\$563,705 52	\$2,690 00	\$2,143,059 86		\$1,763,623 67	\$562,762 89	\$10,386 84	\$2,336,773 40
State.....	247,379 79	412,744 35	.....	660,124 14		288,659 05	407,138 15	.....	695,797 20
	\$1,824,044 13	\$976,449 87	\$2,690 00	\$2,803,184 00		\$2,052,282 72	\$969,901 04	\$10,386 84	\$3,032,570 60

GROSS FUNDED AND NET DEBT OF THE CITY OF BOSTON.

[From 1822 to 1912, both inclusive.]

The following table exhibits the total consolidated *gross funded and net debt and redemption means* of the city for each year from the commencement to January 31, 1912, inclusive. At the commencement of the city government, in 1822, the debt which had been contracted by the town was for the erection of a courthouse and prison in Leverett street.

	Gross Funded Debt.	Sinking Funds, etc.	Net Funded Debt.
1822.....	\$71,185 00	.....	\$71,185 00
May 31, 1823.....	103,550 00	\$4,318 24	99,231 76
" 1824.....	207,050 00	3,254 61	203,795 39
" 1825.....	305,873 85	93,618 35	212,255 50
April 30, 1826.....	364,800 32	111,634 74	253,165 58
" 1827.....	1,011,775 00	299,096 38	712,678 62
" 1828.....	949,350 00	280,233 89	669,116 11
" 1829.....	911,850 00	267,505 76	644,344 24
" 1830.....	891,930 75	228,028 30	663,902 45
" 1831.....	880,330 75	234,095 69	646,235 06
" 1832.....	817,123 93	175,734 75	641,389 18
" 1833.....	940,358 28	164,605 22	775,753 06
" 1834.....	1,078,088 28	153,636 46	924,451 82
" 1835.....	1,147,398 97	105,715 00	1,041,683 97
" 1836.....	1,264,400 00	84,279 12	1,180,120 88
" 1837.....	1,497,200 00	192,966 45	1,304,233 55
" 1838.....	1,491,400 00	182,274 36	1,309,125 64
" 1839.....	1,596,600 00	177,048 17	1,419,551 83
" 1840.....	1,698,232 56	171,277 65	1,526,954 91
" 1841.....	1,663,800 00	90,349 56	1,573,450 44
" 1842.....	1,594,700 00	88,930 79	1,505,769 21
" 1843.....	1,518,700 00	134,389 31	1,384,310 69
" 1844.....	1,423,800 00	302,149 09	1,121,650 91
" 1845.....	1,163,266 62	378,400 45	784,866 17
" 1846.....	1,153,713 16	717,610 79	436,102 37
" 1847.....	1,296,626 98	800,977 82	495,649 16
" 1848.....	3,452,606 37	478,213 28	2,974,393 09

GROSS FUNDED AND NET DEBT OF THE CITY OF BOSTON.— *Continued.*

	Gross Funded Debt.	Sinking Funds, etc.	Net Funded Debt.
April 30, 1849.....	\$5,334,846 54	\$388,396 02	\$4,946,450 52
" 1850.....	6,195,144 35	310,259 40	5,884,884 95
" 1851.....	6,801,541 35	473,634 98	6,327,906 37
" 1852.....	7,110,679 70	489,065 22	6,621,614 48
" 1853.....	7,859,435 66	872,674 15	6,986,761 51
" 1854.....	7,799,855 32	1,411,858 00	6,387,997 32
" 1855.....	7,151,149 77	1,042,977 90	6,108,171 87
" 1856.....	7,107,149 77	1,088,483 92	6,018,665 85
" 1857.....	7,259,299 77	1,054,976 27	6,204,323 50
" 1858.....	8,101,199 77	1,108,147 09	6,993,052 68
" 1859.....	8,954,649 77	1,331,565 05	7,623,084 72
" 1860.....	8,491,599 77	967,175 69	7,524,424 08
" 1861.....	8,894,499 77	988,922 61	7,905,577 16
" 1862 — War debt in- cluded this year and after.....	9,031,207 77	851,659 08	8,179,548 69
" 1863.....	10,335,857 77	1,190,901 13	9,144,956 64
" 1864.....	11,015,732 77	1,463,187 67	9,552,545 10
" 1865.....	11,371,942 57	1,621,255 41	9,750,687 16
" 1866.....	11,892,375 91	3,039,590 32	8,852,785 59
" 1867.....	12,998,550 91	4,440,278 32	8,558,272 59
" 1868 — Roxbury debt included.....	14,011,656 91	5,199,369 72	8,812,287 19
" 1869.....	16,959,500 91	6,869,989 11	10,089,511 80
" 1870 — Dorchester debt included.....	18,687,350 91	9,215,831 25	9,471,519 66
" 1871.....	26,472,916 80	11,632,959 91	14,839,956 89
" 1872.....	28,628,535 82	12,849,159 31	15,779,376 51
" 1873.....	30,553,116 80	13,926,777 92	16,626,338 88
" 1874 — Charlestown, Brighton and West Roxbury debts in- cluded.....	42,890,785 77	15,417,572 75	27,473,213 02
" 1875.....	43,414,829 99	16,218,402 92	27,196,427 07
" 1876.....	43,848,835 73	16,880,387 41	26,968,448 32
" 1877.....	43,590,497 30	16,109,973 55	27,480,523 75
" 1878.....	42,457,022 47	16,297,245 80	26,159,776 67
" 1879.....	42,359,816 23	16,130,150 42	26,229,665 81
" 1880.....	42,030,125 36	14,188,021 08	27,842,104 28
" 1881.....	40,949,332 18	14,943,711 59	26,005,620 59
" 1882.....	40,079,312 04	15,901,650 44	24,177,661 60

GROSS FUNDED AND NET DEBT OF THE CITY OF BOSTON.—*Concluded.*

	Gross Funded Debt.	Sinking Funds, etc.	Net Funded Debt.
April 30, 1883.....	\$41,184,358 12	\$16,422,541 43	\$24,761,816 69
“ 1884.....	43,185,669 07	16,933,174 61	26,252,494 46
“ 1885.....	42,962,180 02	18,365,600 11	24,596,579 91
“ 1886—County debt in- cluded.....	43,628,322 04	18,915,502 44	24,712,819 60
“ 1887.....	46,799,962 72	20,312,079 64	26,487,883 08
“ 1888.....	48,993,803 45	21,632,559 02	27,361,244 43
“ 1889.....	49,920,475 25	22,266,285 21	27,654,190 04
“ 1890.....	53,930,095 22	22,854,262 98	31,075,832 24
“ 1891.....	55,861,980 06	24,519,341 59	31,342,638 47
Jan. 31, 1892.....	56,003,997 35	25,569,706 32	30,434,291 03
“ 1893.....	56,908,148 04	25,999,268 80	30,908,879 24
“ 1894.....	54,418,535 36	20,908,860 58	33,509,674 78
“ 1895.....	59,337,964 93	22,206,541 20	37,131,423 73
“ 1896.....	65,666,774 64	24,973,421 92	40,693,352 72
“ 1897.....	71,902,600 57	26,023,232 37	45,879,368 20
“ 1898.....	79,592,910 76	28,110,742 75	51,482,168 01
“ 1899.....	82,938,820 72	28,716,636 22	54,222,184 50
“ 1900.....	86,996,978 98	28,663,641 39	58,333,337 59
“ 1901.....	81,629,128 98	30,243,365 54	51,385,763 44
“ 1902.....	79,953,972 28	32,801,886 76	47,152,085 52
“ 1903.....	84,886,906 00	30,798,522 84	54,088,383 16
“ 1904.....	88,149,106 00	29,932,381 30	58,216,724 70
“ 1905.....	94,121,606 00	31,694,386 88	62,427,219 12
“ 1906.....	99,213,856 00	32,679,998 49	66,533,857 51
“ 1907.....	101,449,606 00	32,628,246 59	68,821,359 41
“ 1908.....	104,207,706 00	33,425,736 97	70,781,969 03
“ 1909.....	108,487,406 00	36,450,421 50	72,036,984 50
“ 1910.....	110,716,406 00	39,370,433 42	71,345,972 58
“ 1911.....	115,075,489 33	42,146,838 82	72,928,650 51
“ 1912—Hyde Park debt in- cluded.....	117,042,089 33	43,567,856 68	73,474,232 65

DEBT ISSUED

In each Financial Year between 1822 and 1865-66, and in each Calendar Year since 1865-66. (Temporary Debt Excluded.)

1822 (town debt).....	\$71,185 00	1867.....	\$1,037,175 00
1822-23.....	32,365 00	1868.....	2,937,000 00
1823-24.....	50,000 00	1869.....	531,500 00
1824-25.....	114,300 00	1870.....	3,561,500 00
1825-26.....	198,685 32	1871.....	5,238,000 00
1826-27.....	753,475 00	1872.....	2,981,000 00
1827-28.....	55,000 00	1873.....	7,255,176 65
1828-29.....	10,000 00	1874.....	4,478,500 00
1829-30.....	134,480 75	1875.....	2,206,200 00
1830-31.....	131,000 00	1876.....	3,533,300 00
1831-32.....	7,000 00	1877.....	667,000 00
1832-33.....	266,727 53	1878.....	1,349,000 00
1833-34.....	404,780 00	1879.....	1,890,000 00
1834-35.....	294,626 69	1880.....	2,701,000 00
1835-36.....	493,000 00	1881.....	123,000 00
1836-37.....	262,000 00	1882.....	2,078,500 00
1837-38.....	19,100 00	1883.....	3,278,500 00
1838-39.....	150,500 00	1884.....	1,837,500 00
1839-40.....	195,000 00	1885.....	1,742,700 00
1840-41.....	166,000 00	1886.....	3,837,800 00
1841-42.....		1887.....	3,324,700 00
1842-43.....		1888.....	1,529,300 00
1843-44.....		1889.....	3,784,000 00
1844-45.....	11,566 62	1890.....	5,462,000 00
1845-46.....	110,013 16	1891.....	2,716,500 00
1846-47.....	297,860 32	1892.....	2,977,800 00
1847-48.....	1,419,683 39	1893.....	6,115,525 00
1848-49.....	1,085,367 51	1894.....	5,808,800 00
1849-50.....	528,371 23	1895.....	6,284,150 00
1850-51.....	1,195,285 00	1896.....	7,321,000 00
1851-52.....	1,180,513 05	1897.....	8,109,800 00
1852-53.....	2,349,353 66	1898.....	9,485,780 00
1853-54.....	944,118 00	1899.....	6,291,450 00
1854-55.....	306,500 00	1900.....	4,944,550 00
1855-56.....	158,100 00	1901.....	6,559,400 00
1856-57.....	431,900 00	1902.....	7,706,551 00
1857-58.....	1,168,400 00	1903.....	5,889,100 00
1858-59.....	1,232,950 00	1904.....	8,392,800 00
1859-60.....	735,800 00	1905.....	8,551,700 00
1860-61.....	992,700 00	1906.....	5,195,350 00
1861-62.....	775,000 00	1907.....	* 5,815,150 00
1862-63.....	1,604,850 00	1908.....	* 5,090,700 00
1863-64.....	850,000 00	1909.....	2,986,900 00
1864-65.....	639,709 80	1910.....	† 5,201,666 67
1865-66.....	712,150 00	1911.....	‡ 3,462,166 67
1866.....	1,499,000 00		

* Includes \$120,000 issued by the Commonwealth under chapter 534 of the Acts of 1906.

† Includes \$326,666.67 issued by the Commonwealth under chapter 534 of the Acts of 1906.

‡ Includes \$30,666.67 issued by the Commonwealth under chapter 534 of the Acts of 1906.

WATER DEBT, GROSS AND NET

At the Close of each Financial Year.

YEAR.	Gross Debt.	Sinking Funds, etc.	Net Debt.
1847-48.....	¹ \$2,129,056 32	.....	\$2,129,056 32
1848-49.....	3,787,328 98	.....	3,787,328 98
1849-50.....	4,463,205 56	.....	4,463,205 56
1850-51.....	4,955,613 51	.....	4,955,613 51
1851-52.....	5,209,223 26	.....	5,209,223 26
1852-53.....	5,972,976 11	.....	5,972,976 11
1853-54.....	5,432,261 11	.....	5,432,261 11
1854-55.....	5,403,961 11	.....	5,403,961 11
1855-56.....	5,230,961 11	.....	5,230,961 11
1856-57.....	5,031,961 11	.....	5,031,961 11
1857-58.....	4,724,961 11	.....	4,724,961 11
1858-59.....	4,754,461 11	.....	4,754,461 11
1859-60.....	3,846,211 11	.....	3,846,211 11
1860-61.....	3,455,211 11	.....	3,455,211 11
1861-62.....	3,012,711 11	.....	3,012,711 11
1862-63.....	2,992,711 11	.....	2,992,711 11
1863-64.....	2,992,711 11	.....	2,992,711 11
1864-65.....	2,942,711 11	.....	2,942,711 11
1865-66.....	3,152,711 11	.....	3,152,711 11
1866-67.....	3,370,711 11	.....	3,370,711 11
1867-68.....	3,867,711 11	.....	3,867,711 11
1868-69.....	5,107,711 11	.....	5,107,711 11
1869-70.....	5,731,711 11	.....	5,731,711 11
1870-71.....	6,482,711 11	\$1,100,000 00	5,382,711 11
1871-72.....	6,812,711 11	1,185,049 67	5,627,661 44
1872-73.....	6,912,711 11	1,268,234 97	5,644,476 14
1873-74.....	7,863,711 11	1,372,953 62	6,490,757 49
1874-75.....	8,123,711 11	1,533,890 28	6,589,820 83
1875-76.....	9,735,711 11	1,560,917 83	8,174,793 28
1876-77.....	11,548,711 11	1,709,492 60	9,839,218 51
1877-78.....	11,545,273 98	2,043,764 73	9,501,509 25
1878-79.....	11,753,273 98	2,143,847 85	9,609,426 13

¹ No account taken of amount borrowed temporarily from 1846 to 1852 and afterwards funded by the issue of the water bonds that figure in this statement.

WATER DEBT, GROSS AND NET.—*Concluded.*

YEAR.	Gross Debt.	Sinking Funds, etc.	Net Debt.
1879-80.....	\$11,697,273 98	\$1,771,692 92	\$9,925,581 06
1880-81.....	11,631,273 98	1,989,300 88	9,641,973 10
1881-82.....	11,631,273 98	2,281,857 89	9,349,416 09
1882-83.....	11,955,273 98	2,607,768 46	9,347,505 52
1883-84.....	12,882,273 98	2,746,505 58	10,135,768 40
1884-85.....	13,045,473 98	3,106,323 82	9,939,150 16
1885-86.....	13,491,473 98	3,385,201 26	10,106,272 72
1886-87.....	14,142,273 98	3,947,616 92	10,194,657 06
1887-88.....	14,741,273 98	4,373,304 09	10,367,969 89
1888-89.....	14,941,273 98	4,864,092 54	10,077,181 44
1889-90.....	15,696,273 98	5,440,819 47	10,255,454 51
1890-91.....	16,267,773 98	5,979,297 80	10,288,476 18
1891-92.....	16,423,773 98	6,471,545 34	9,952,228 64
1892-93.....	16,758,773 98	7,019,058 38	9,739,715 60
1893-94.....	17,055,273 98	7,649,504 87	9,405,769 11
1894-95.....	17,761,273 98	8,444,773 55	9,316,500 43
1895-96.....	18,261,273 98	9,099,966 39	9,161,307 59
1896-97.....	18,261,273 98	9,704,387 99	8,556,885 99
1897-98.....	17,911,273 98	9,852,760 01	8,058,513 97
1898-99.....	17,121,273 98	9,487,119 88	7,634,154 10
1899-1900.....	17,306,273 98	9,870,223 90	7,436,050 08
1900-01.....	11,960,273 98	10,144,647 08	1,815,626 90
1901-02.....	11,351,917 28	10,422,449 77	929,467 51
1902-03.....	9,501,000 00	8,893,615 94	607,384 06
1903-04.....	8,229,000 00	7,339,902 79	889,097 21
1904-05.....	8,226,000 00	7,602,689 44	623,310 56
1905-06.....	6,692,250 00	5,964,222 39	728,027 61
1906-07.....	4,573,500 00	3,708,913 53	864,586 47
1907-08.....	4,531,500 00	3,794,779 37	736,720 63
1908-09.....	4,249,500 00	3,637,956 71	611,543 29
1909-10.....	3,696,500 00	3,205,159 65	491,340 35
1910-11.....	3,328,500 00	2,941,734 55	386,765 45
1911-12.....	* 3,712,500 00	2,967,761 74	744,738 26

* Includes \$468,000 Hyde Park Water Debt.

RAPID TRANSIT DEBT, GROSS AND NET.

YEAR.	Gross Debt.	Sinking Funds.	Net Debt.
January 31, 1895.....	\$50,000 00	.....	\$50,000 00
" 1896.....	1,250,000 00	\$144,219 06	1,105,780 94
" 1897.....	3,300,000 00	210,173 86	3,089,826 14
" 1898.....	4,500,000 00	263,654 07	4,236,345 93
" 1899.....	4,700,000 00	283,913 03	4,416,086 97
" 1900.....	4,700,000 00	324,311 98	4,375,688 02
" 1901.....	4,750,000 00	454,582 49	4,295,417 51
" 1902.....	5,051,000 00	478,617 15	4,572,382 85
" 1903.....	6,001,000 00	564,402 74	5,436,597 26
" 1904.....	7,351,000 00	635,434 68	6,715,565 32
" 1905.....	8,434,000 00	724,742 26	7,709,257 74
" 1906.....	10,490,700 00	948,314 19	9,542,385 81
" 1907.....	11,990,700 00	1,118,722 66	10,871,977 34
" 1908.....	13,570,700 00	1,287,129 39	12,283,570 61
" 1909.....	15,570,700 00	1,636,148 65	13,934,551 35
" 1910.....	16,460,700 00	1,892,357 48	14,568,342 52
" 1911.....	17,454,700 00	2,194,477 42	15,260,222 58
" 1912.....	18,398,700 00	2,466,808 18	15,931,891 82

LOANS AUTHORIZED BY SPECIAL STATUTES

Outside of Debt Limit other than Waterworks.

Year.	Chapter.	OBJECT.	Amount Authorized.	Amount Issued.
1886.....	304....	Public Park Construction.....	\$2,500,000 00	\$2,500,000 00
1887.....	101....	Suffolk County Courthouse ¹		2,746,000 00
1887.....	282....	Harvard Bridge.....	250,000 00	250,000 00
1887.....	312....	Public Park Lands.....	400,000 00	400,000 00
1887.....	394....	Sewer, Tremont Street.....	² 75,000 00	
1887.....	428....	Stony Brook Improvement.....	500,000 00	500,000 00
1888.....	392....	Public Park Lands.....	600,000 00	600,000 00
1889.....	68....	New Library Building.....	1,000,000 00	1,000,000 00
1889.....	254....	West Chester Park Extension....	² 75,000 00	
1889.....	283....	Congress Street and Oliver Street Extension.....	² 500,000 00	
1889.....	322....	Improved Sewerage.....	500,000 00	500,000 00
1890.....	{ 271 } { 444 }	Public Parks, Charlestown.....	200,000 00	200,000 00
1891.....	301....	Public Parks.....	3,500,000 00	3,500,000 00
1891.....	324....	New Library Building.....	1,000,000 00	1,000,000 00
1891.....	323)			
1897.....	319			
1899.....	443	Laying Out and Construction of		
1901.....	465)	Highways ³		10,094,500 00
1892.....	288....	Suffolk County Courthouse, Furnishings ¹	100,000 00	175,000 00
1893.....	478....	Subway.....	2,000,000 00	
1894.....	396....	Public Parks.....	1,000,000 00	1,000,000 00
1894.....	548....	Rapid Transit ⁴	6,384,000 00	6,384,000 00
1894.....	548....	Charlestown Bridge.....	*	815,000 00
1895.....	334....	Blue Hill and Other Avenues.....	2,500,000 00	2,500,000 00
1895.....	408....	Schoolhouses.....	† 500,000 00	500,000 00
1895.....	435....	New Ferry Landing.....	500,000 00	500,000 00
1896.....	453....	Public Parks.....	1,000,000 00	1,000,000 00

¹ \$2,500,000 in addition to the cost of land. Cost of land, \$1,056,469.69; \$2,746,000 authorized by City Council; \$75,000 additional for furnishing authorized by City Council.

² Never approved by City Council.

³ Not exceeding \$6,000,000 in excess of Sinking Fund — debt authorized in 1891 (\$500,000) included in the above amount inside of debt limit; \$852,500 of this amount issued as Park Debt under chapter 394, Acts of 1897.

⁴ Chapter 548, Acts of 1894, authorizes the City of Boston to borrow not exceeding \$7,000,000 to promote rapid transit (this amount reduced \$616,000 under authority of chapter 347, Acts of 1897), and such further amount for Charlestown Bridge and its approaches, in addition to the \$750,000 heretofore appropriated by the City Council, as may be necessary for the completion of said bridge and approaches.

* No limit to the amount.

† Also \$1,800,000 inside the debt limit. Amendment, chapter 442, Acts of 1897.

LOANS AUTHORIZED BY SPECIAL STATUTES OUTSIDE OF DEBT
LIMIT.— *Continued.*

Year.	Chapter.	OBJECT.	Amount Authorized.	Amount Issued.
1896.....	516....	South Union Station.....	\$2,000,000 00	\$2,000,000 00
1896.....	530....	Stony Brook Improvement.....	500,000 00	500,000 00
1897.....	346....	Laying Out and Construction of Highways, Charlestown Street...	*	700,000 00
1897.....	347....	Market or Other Public Purposes..	616,000 00	616,000 00
1897.....	426}	Sewerage Works ¹		10,449,000 00
1899.....	450}			
1897.....	500....	Rapid Transit.....	*	750,000 00
1898.....	236....	Blue Hill and Other Avenues.....	750,000 00	750,000 00
1898.....	313....	Public Parks.....	500,000 00	500,000 00
1898.....	467....	Cambridge Bridge.....	*	1,567,900 00
1898.....	475....	Library Building, Copley Square..	100,000 00	100,000 00
1899.....	239....	Normal School Building and Land, ²	300,000 00	5,000 00
1899.....	303....	Public Parks.....	500,000 00	500,000 00
1899.....	397....	Stony Brook Improvement.....	350,000 00	350,000 00
1899.....	450....	Sewerage Charges, Repayment of..	†	415,000 00
1899.....	466....	Atlantic Avenue Extension.....	*	547,900 00
1902.....	325....	Metropolitan Park Assessments...	420,400 00	420,400 00
1902.....	534....	Boston Tunnel and Subway.....	*	8,496,700 00
1903.....	190....	Rapid Transit, East Boston Tunnel,	300,000 00	300,000 00
		(Hyde Park Avenue.....	225,000 00	225,000 00
1903.....	370....	Brandon Street and Belgrade Ave..	100,000 00	100,000 00
		(Dorchester Street.....	375,000 00	375,000 00
1903.....	381....	Northern Avenue and Sleeper St...	*	560,000 00
1903.....	383}	Separate Systems of Drainage ³ ...		3,300,000 00
1907.....	485}			
1903.....	465....	Charles River Basin.....	800,000 00	800,000 00
1904.....	391....	Brookline Street Bridge.....	*	57,000 00
1904.....	412....	Soldiers' Field Bridge.....	†	
1905.....	187....	Rapid Transit, East Boston Tunnel,	316,000 00	175,000 00

¹ Not exceeding \$1,000,000 each year. By chapter 204, Acts of 1908, all loans issued after March 14, 1908, are to be inside the debt limit.

² Repealed by chapter 473, Acts of 1901.

³ Limited each year to one-twentieth of 1 per cent of taxable valuation.

* No limit to the amount.

† Limited to amount required to repay all sewerage charges collected by the city under chapter 426, Acts of 1897.

‡ Total expense to Boston and Cambridge not to exceed \$120,000.

Chapter 315, Acts of 1909: "All authority heretofore granted under any special act to the City of Boston to borrow money or contract loans outside the debt limit except for transit purposes under the transit acts, so called, except so far as the issuance of such loan may be necessary to pay amounts due on contracts made prior to June first, nineteen hundred and nine, or to pay executions of court on suits brought under the acts authorizing said loans prior to June first, nineteen hundred and nine, is hereby rescinded and the parts of said acts authorizing the continued issue of loans are hereby repealed."

262 . LOANS AUTHORIZED BY SPECIAL STATUTES.

LOANS AUTHORIZED BY SPECIAL STATUTES OUTSIDE OF DEBT
LIMIT.— *Concluded.*

Year.	Chapter.	OBJECT.	Amount Authorized.	Amount Issued.
1906.....	520....	Rapid Transit, Cambridge Connection.....	*	\$1,300,000 00
1907.....	450....	Land and Buildings for Schools....	\$500,000 00	500,000 00
1907.....	573....	Riverbank Subway.....	*	505,000 00
1911.....	741....	Dorchester Tunnel.....	*	300,000 00
1911.....	741....	East Boston Tunnel Extension....	*	200,000 00
1911.....	591....	Pleasant Street Widening.....	900,000 00	

* No limit to the amount.

LOANS AUTHORIZED BY SPECIAL STATUTES

Inside Debt Limit.

Year.	Chapter.	OBJECT.	Amount Authorized.	Amount Issued.
1885.....	377....	Suffolk County Courthouse.....	\$850,000 00	\$850,000 00
1893.....	282....	Public Park, Wards 6 and 7.....	469,300 00	469,300 00
1895.....	408}	Schoolhouses.....	1,800,000 00	1,800,000 00
1897.....	442}			
1898.....	149....	Schoolhouses.....	850,000 00	850,000 00
1898.....	248....	South Union Station.....	750,000 00	325,000 00
1898.....	275....	Rutherford Avenue, etc.....	200,000 00	200,000 00
1898.....	412....	Playgrounds.....	500,000 00	500,000 00
1899.....	274....	Chestnut Hill Park.....	150,000 00	150,000 00
1899.....	280....	Malden Bridge.....	200,000 00	200,000 00
1900.....	139....	Carleton Street.....	60,000 00	60,000 00
1900.....	452....	Broadway Bridge, Rebuilding.....	300,000 00	300,000 00
1900.....	478....	Laying Out and Construction of Highways.....	1,300,001 00	1,300,001 00
1901.....	199....	Laying Out and Construction of Highways.....	1,750,000 00	1,750,000 00
1901.....	288....	Schoolhouses.....	300,000 00	300,000 00
1901.....	473}	Land and Buildings for Schools...	5,500,000 00	5,500,000 00
1902.....	386}			
1907.....	485}	Separate Systems of Drainage.....		1,988,000 00
1908.....	514}			
1911.....	612}			
1905.....	392....	Land and Buildings for Schools...	1,500,000 00	1,500,000 00
1907.....	450 ² ...	Land and Buildings for Schools...		2,750,000 00
1909.....	446....	High School of Commerce and School Administration Building,	600,000 00	50,000 00

¹ \$74,000 of this amount issued as Public Park Debt, under chapter 394, Acts of 1897.² \$57,000 of this amount issued as Public Park Debt, under chapter 394, Acts of 1897.³ Not exceeding \$1,000,000 in 1907 and 1908, \$250,000 of which to be outside debt limit, and not exceeding \$500,000 each year thereafter.

LOANS AUTHORIZED DURING THE FINANCIAL YEAR 1911-1912.

Date of Order.	OBJECT.	Inside Debt Limit.	Outside Debt Limit.
Chap. 741, Acts of 1911,	Dorchester Tunnel.....		*
“ “ “	East Boston Tunnel Extension...		*
“ “ “	Boylston Street Subway.....		*
Nov. 14, 1911.....	Pleasant Street Widening.....		\$900,000 00
Mar. 14, “	New Quarters for Fireboat Crew..	\$3,000 00	
April 12, “	Land and Buildings for Schools...	500,000 00	
“ 12, “	Highways, Making of.....	300,000 00	
May 3, “	Sewerage Works.....	250,000 00	
June 2, “	Playground, Ward 5.....	80,000 00	
“ 2, “	“ Ward 20.....	50,000 00	
“ 6, “	Municipal Building, South Boston,	120,000 00	
Dec. 30, “	“ “ “ “	20,000 00	
June 26, “	Branch Library, North End.....	86,000 00	
“ 30, “	Street Lighting Equipment.....	300,000 00	
July 1, “	High Pressure Fire Service.....	150,000 00	
“ 3, “	High School of Commerce and School Administration Building,	250,000 00	
“ 10, “	Separate Systems of Drainage....	395,000 00	
Oct. 3, “	“ “ “ “	5,000 00	
Aug. 16, “	East Boston Courthouse and Police Station.....	60,000 00	
“ 24, “	Chelsea North Temporary Bridge,	250,000 00	
Oct. 21, “	Meridian Street Bridge.....	63,000 00	
Nov. 14, “	Norfolk Street Widening.....	150,000 00	
		\$3,032,000 00	\$900,000 00

* No limit to amount.

ABOLITION OF GRADE CROSSINGS ASSESSMENTS PAYABLE TO THE
COMMONWEALTH.

DUE.	Freeport, Walnut and Other Streets.	Congress Street.	Dudley Street.	East Boston.	Tremont Street, etc.	Total.
1912.....	\$29,359 35.	\$15,400 00	\$127 65	\$26,025 17	\$31,851 06	\$103,363 23
1913.....	24,000 00	10,000 00	.....	10,400 00	31,851 06	76,251 06
1914.....	6,000 00	10,000 00	.....	10,400 00	31,851 06	58,251 06
1915.....	.....	10,000 00	.....	10,400 00	29,051 87	49,451 87
1916.....	.....	10,000 00	.....	3,400 00	16,057 28	29,457 28
1917.....	.....	.....	.....	.....	7,613 64	7,613 64
1918.....	.....	.....	.....	.....	4,074 82	4,074 82
1919.....	.....	.....	.....	.....	1,612 34	1,612 34
1920.....	.....	.....	.....	.....	1,018 51	1,018 51
1921.....	.....	.....	.....	.....	37 90	37 90
Totals.....	\$59,359 35	\$55,400 00	\$127 65	\$61,225 17	\$155,019 54	\$331,131 71

PREMIUMS RECEIVED ON BONDS SOLD.

1902-03 to 1911-12.

1902-03.

\$1,339,000 — 20 years to run, $3\frac{1}{2}\%$ at	104.32
3,275,000 — 30 years to run, $3\frac{1}{2}\%$ at	104.32
700,000 — 40 years to run, $3\frac{1}{2}\%$ at	104.32

1903-04.

\$949,000 — 20 years to run, $3\frac{1}{2}\%$ at	100.04
1,500,000 — 30 years to run, $3\frac{1}{2}\%$ at	100.04
1,500,000 — 40 years to run, $3\frac{1}{2}\%$ at	100.04

1904-05.

\$494,000 — 20 years to run, $3\frac{1}{2}\%$ at	100.937
900,000 — 30 years to run, $3\frac{1}{2}\%$ at	100.937
4,333,000 — 40 years to run, $3\frac{1}{2}\%$ at	100.937

1905-06.

\$800,000 — 30 years to run, $3\frac{1}{2}\%$ at	100.217
3,100,000 — 40 years to run, $3\frac{1}{2}\%$ at	100.217

1906-07.

\$650,000 — 15 years to run, 4% at	101.777
150,000 — 20 years to run, 4% at	101.777
1,949,000 — 30 years to run, 4% at	101.777
1,150,000 — 40 years to run, 4% at	101.777

1907-08.

\$100,000 — 30 years to run, 4% at	101.00
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1908-09.

\$1,364,000 — 20 years to run, 4% at	106.44
1,055,000 — 30 years to run, 4% at	106.44
2,000,000 — 40 years to run, 4% at	106.44

1909-10.

\$1,250,000 — 20 years to run, $3\frac{1}{2}\%$ at	103.033
1,083,000 — 30 years to run, $3\frac{1}{2}\%$ at	103.033
650,000 — 40 years to run, $3\frac{1}{2}\%$ at	103.033

1910-11.

\$1,000,000 — 40 years to run, 4% at	100.269
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1911-12.

\$2,481,000 — (Serial) 1 to 30 years to run, 4% at	102.571
404,000 — 45 years to run, 4% at	102.571
500,000 — 45 years to run, 4% at	108.23

RENTS PAID FOR OFFICES FOR CITY DEPARTMENTS.

1890-91.....	\$22,707 63	1901-02.....	\$34,365 28
1891-92.....	22,354 64	1902-03.....	39,494 04
1892-93.....	32,361 71	1903-04.....	40,427 80
1893-94.....	32,783 50	1904-05.....	43,549 05
1894-95.....	28,812 64	1905-06.....	46,666 03
1895-96.....	31,471 78	1906-07.....	47,685 84
1896-97.....	36,705 08	1907-08.....	48,679 75
1897-98.....	30,387 16	1908-09.....	46,436 65
1898-99.....	29,470 21	1909-10.....	49,514 10
1899-1900.....	30,839 60	1910-11.....	50,130 51
1900-01.....	32,090 96	1911-12.....	56,001 03

LIQUOR LICENSES.

	Amount Received.	Refunds.	State's Proportion.	Balance to City.
1897-98.....	\$1,457,536 00	\$687 50	\$364,212 12	\$1,092,636 38
1898-99.....	1,480,668 00	6,919 78	361,366 50	1,112,381 72
1899-1900...	1,482,077 00	2,318 22	377,103 58	1,102,655 20
1900-01.....	1,477,569 00	18,333 33	364,808 92	1,094,426 75
1901-02.....	1,437,281 00	7,800 00	357,370 25	1,072,110 75
1902-03.....	1,425,581 74	13,775 83	353,204 24	1,058,601 67
1903-04.....	1,440,086 72	38,866 14	350,231 75	1,050,988 83
1904-05.....	1,441,767 12	46,363 12	348,630 28	1,046,773 72
1905-06.....	1,462,831 70	47,383 80	353,903 36	1,061,544 54
1906-07.....	1,486,828 19	48,509 22	359,636 00	1,078,682 97
1907-08.....	1,498,128 46	58,681 88	359,861 64	1,079,584 94
1908-09.....	1,514,074 70	63,560 82	362,696 86	1,087,817 02
1909-10.....	1,468,501 99	10,449 93	364,444 62	1,093,607 44
1910-11.....	1,452,013 35	268 26	362,936 27	1,088,808 82
1911-12.....	1,285,354 48	4,724 45	320,157 51	960,472 52

EAST BOSTON FERRIES.

NET RESULTS.

	Total Expenditures, Including Interest on Loans.	Total Receipts.	Deficit for the Year.
1858-59.....	\$125,000 00	.....	\$125,000 00
1859-60.....	125,000 00	\$625 00	124,375 00
1860-61.....	13,051 22	1,250 00	11,801 22
1861-62.....	12,500 00	3,013 56	9,486 44
1862-63.....	22,270 02	900 00	21,370 02
1863-64.....	9,700 00	2,700 00	7,000 00
1864-65.....	9,936 32	2,700 00	7,236 32
1865-66.....	19,065 32	3,000 00	16,065 32
1866-67.....	31,226 35	4,050 00	27,176 35
1867-68.....	38,576 81	3,850 00	34,726 81
1868-69.....	18,074 12	3,600 00	14,474 12
1869-70.....	296,076 14	3,900 00	292,176 14
1870-71.....	232,173 52	183,658 54	48,514 98
1871-72.....	274,849 67	187,600 00	87,249 67
1872-73.....	262,296 90	208,000 00	54,296 90
1873-74.....	316,643 53	222,507 50	94,136 03
1874-75.....	285,481 56	203,000 00	82,481 56
1875-76.....	266,165 88	181,890 00	84,275 88
1876-77.....	219,191 71	179,032 00	40,159 71
1877-78.....	178,701 60	178,795 48	Surplus 93 88
1878-79.....	180,737 69	169,530 31	11,207 38
1879-80.....	217,564 39	176,437 00	41,127 39
1880-81.....	168,788 50	168,008 48	780 02
1881-82.....	179,407 86	165,513 06	13,894 80
1882-83.....	239,612 91	162,827 91	76,785 00
1883-84.....	282,182 94	159,031 03	123,151 91
1884-85.....	301,897 83	156,801 60	145,096 23
1885-86.....	245,463 15	159,558 14	85,905 01
1886-87.....	201,855 01	164,497 69	37,357 32
1887-88.....	260,934 24	140,001 13	120,933 11
1888-89.....	216,766 22	138,760 65	78,005 57
1889-90.....	202,030 23	141,633 00	60,397 23
1890-91.....	228,505 72	146,276 80	82,228 92
1891-92.....	231,376 43	116,353 00	115,023 43
1892-93.....	237,986 01	154,660 65	83,325 36
1893-94.....	254,290 65	152,069 54	102,221 11
1894-95.....	230,810 31	155,502 87	75,307 44
1895-96.....	229,173 94	169,584 85	59,589 09
1896-97.....	248,417 65	167,056 74	81,360 91
1897-98.....	275,023 28	171,454 23	103,569 05
1898-99.....	355,902 69	293,496 15	62,406 54
1899-1900.....	292,103 15	172,020 04	120,083 11
1900-01.....	357,313 46	166,815 33	190,498 13
1901-02.....	304,162 22	167,879 62	136,282 60
1902-03.....	311,981 99	173,189 88	138,792 11
1903-04.....	312,788 64	177,482 21	135,306 43
1904-05.....	275,046 20	176,198 95	98,847 25
1905-06.....	290,635 27	108,478 09	182,157 18
1906-07.....	308,578 01	104,802 94	203,775 07
1907-08.....	312,432 82	105,664 55	206,768 27
1908-09.....	267,003 39	104,289 31	162,714 08
1909-10.....	240,036 10	107,332 30	132,703 80
1910-11.....	293,895 63	106,738 57	187,157 06
1911-12.....	332,040 43	104,089 10	227,951 33
	\$11,642,725 63	\$6,778,107 80	\$4,864,711 71
			Surplus 93 88
			\$4,864,617 83

PAYMENTS FOR PENSIONS, ETC.

	Police Charitable Fund.	Police Department.	Fire Department.	School Teachers.	Miscel- laneous.	Total.
1872-73.....	\$21 50					\$21 50
1873-74.....	20 00					20 00
1874-75.....	300 00					300 00
1875-76.....	839 00					839 00
1876-77.....	1,531 00					1,531 00
1877-78.....	1,910 00					1,910 00
1878-79.....	¹ 8,109 00					8,109 00
1879-80.....	² 14,232 75	\$3,040 00				17,272 75
1880-81.....	4,705 00	14,259 00				18,964 00
1881-82.....	5,300 00	15,544 00				20,844 00
1882-83.....	5,660 00	20,945 94				26,605 94
1883-84.....	6,690 00	22,936 24				29,626 24
1884-85.....	7,265 00	25,577 98	\$595 50			33,438 48
1885-86.....	7,940 00	27,872 67	1,775 00			37,587 67
1886-87.....	8,485 00	28,696 46	1,905 00			39,086 46
1887-88.....	8,845 00	29,235 16	1,992 86			40,073 02
1888-89.....	9,035 00	29,770 36	3,641 28			42,446 64
1889-90.....	9,060 00	31,407 92	8,175 02			48,642 94
1890-91.....	7,445 00	31,459 96	12,348 05			51,253 01
1891-92.....	8,411 34	23,883 17	10,360 42			42,654 93
1892-93.....	8,830 00	31,632 68	13,524 89			53,987 57
1893-94.....	9,175 00	64,303 55	23,415 48			96,894 03
1894-95.....	9,350 00	69,291 61	27,951 99			106,593 60
1895-96.....	9,820 00	73,298 32	33,263 92			116,382 24
1896-97.....	9,940 00	75,514 40	34,901 28			120,355 68
1897-98.....	9,988 37	73,759 53	38,960 72			122,708 62
1898-99.....	8,907 00	75,367 69	44,319 14		\$125 00	128,718 83
1899-1900.....	8,205 60	78,604 60	47,062 78		300 00	134,172 98
1900-01.....	8,868 13	84,654 90	48,625 48		300 00	142,448 51
1901-02.....	8,158 50	88,248 81	53,879 47		300 00	150,586 78
1902-03.....	8,521 33	94,742 60	64,478 63		300 00	168,042 56
1903-04.....	8,520 00	114,029 15	64,800 29		300 00	187,649 44
1904-05.....	8,335 00	124,353 21	68,130 84		300 00	201,119 05
1905-06.....	8,240 00	129,825 16	69,383 20		300 00	207,748 36
1906-07.....	7,976 66	128,456 90	76,096 79		300 00	212,830 35
1907-08.....	7,780 00	129,240 31	88,479 16		300 00	225,799 47
1908-09.....	7,518 99	131,800 18	95,759 49	\$1,678 50	1,478 10	238,235 26
1909-10.....	7,419 50	133,632 41	97,987 10	8,705 12	2,662 41	250,406 54
1910-11.....	7,460 00	131,271 95	102,763 94	26,247 88	3,431 33	271,175 10
1911-12.....	7,639 00	135,785 51	108,601 84	67,770 84	21,220 19	341,017 38
	\$286,457 67	\$2,272,442 33	\$1,243,179 56	\$104,402 34	\$31,617 03	\$3,938,098 93

¹ Five pension rolls, \$5,609, included in this amount.

² Nine pension rolls, \$7,980, included in this amount.

STATE TAX AND ASSESSMENTS.

	Armories.	Metropolitan Sewer.	Abolition of Grade Crossings.	Metropolitan Water.	Highways.	Metropolitan Park.	Charles River Basin.	Total Assessments.	State Tax.	Total Tax and Assessments.
1892-93.....	\$28,056 27	\$12,625 73	.....	.....	.....	.....	.....	\$40,682 00	\$640,062 50	\$680,744 50
1893-94.....	28,056 27	21,905 63	.....	.....	.....	.....	.....	49,961 90	914,375 00	964,336 90
1894-95.....	28,056 27	46,517 66	\$5,263 04	.....	.....	.....	.....	79,836 97	731,500 00	811,336 97
1895-96.....	28,056 27	59,702 19	25,811 94	.....	.....	.....	.....	113,570 40	538,920 00	652,490 40
1896-97.....	28,056 27	.....	45,583 63	.....	.....	.....	.....	73,639 80	628,740 00	702,379 80
1897-98.....	32,423 15	146,601 30	62,677 92	.....	.....	.....	.....	241,702 37	628,740 00	870,442 37
1898-99.....	34,223 15	75,421 14	56,854 31	\$285,600 54	.....	.....	.....	452,099 14	536,670 00	988,769 14
1899-1900.....	34,223 15	95,753 81	71,662 03	411,861 54	\$68 78	.....	.....	613,569 31	536,670 00	1,150,239 31
1900-01.....	34,223 15	129,773 27	131,074 00	578,696 96	2,126 69	.....	.....	875,894 07	536,670 00	1,412,564 07
1901-02.....	34,223 15	126,662 23	179,251 25	1,169,105 62	2,278 92	.....	.....	1,511,521 17	632,240 00	2,143,761 17
1902-03.....	34,223 15	110,330 35	179,243 78	1,274,105 31	11,109 91	*\$878,453 90	.....	2,487,466 40	541,920 00	3,029,386 40
1903-04.....	34,223 15	139,178 30	217,529 81	1,510,857 46	3,777 22	314,538 27	\$27,789 42	2,247,893 63	903,200 00	3,151,093 63
1904-05.....	34,704 06	218,933 59	212,424 80	1,700,274 07	63 44	346,581 67	.....	2,512,981 69	900,125 00	3,413,106 69
1905-06.....	32,980 17	254,745 53	183,034 45	1,758,635 00	99 92	360,279 74	.....	2,589,774 81	1,440,200 00	4,029,974 81
1906-07.....	32,835 19	226,355 57	155,762 19	1,822,556 33	1,367 52	620,044 95	.....	2,858,921 75	1,260,175 00	4,119,096 75
1907-08.....	38,163 98	254,346 26	179,087 88	1,726,588 68	67 68	579,316 57	.....	2,777,571 05	1,438,800 00	4,216,371 05
1908-09.....	7,150 00	262,095 74	170,890 55	1,789,315 84	1,892 83	634,583 07	.....	2,865,928 03	1,978,350 00	4,844,278 03
1909-10.....	.....	258,866 48	166,721 61	1,862,823 42	60,131 88	649,894 15	277,260 47	3,275,698 01	1,618,650 00	4,894,348 01
Abatement of Smoke.										
1910-11.....	\$6,379 43	269,658 61	98,097 63	1,815,658 85	26,247 07	685,093 37	131,389 00	3,032,523 96	1,880,395 00	4,912,918 96
1911-12.....	3,987 15	279,989 52	116,115 29	1,825,362 87	533 77	601,526 77	59,824 85	2,887,340 22	1,880,395 00	4,767,735 22

* Includes assessments for 1900 and 1901.

TAX RATE.

	State Tax.	County Tax.	City Tax.	Total.
1885.....	\$0 71	\$0 27	\$11 82	\$12 80
1886.....	65	40	11 65	12 70
1887.....	1 00	57	11 83	13 40
1888.....	97	74	11 69	13 40
1889.....	83	80	11 27	12 90
1890.....	69	85	11 76	13 30
1891.....	53	57	11 50	12 60
1892.....	63	77	11 50	12 90
1893.....	92	75	11 13	12 80
1894.....	75	81	11 24	12 80
1895.....	55	85	11 40	12 80
1896.....	58	84	11 48	12 90
1897.....	73	1 00	11 27	13 00
1898.....	54	1 06	12 00	13 60
1899.....	55	95	11 60	13 10
1900.....	61	95	13 14	14 70
1901.....	70	90	13 30	14 90
1902.....	1 07	89	12 84	14 80
1903.....	1 21	86	12 73	14 80
1904.....	1 27	90	13 03	15 20
1905.....	1 87	93	13 20	16 00
1906.....	1 79	91	13 20	15 90
1907.....	1 80	90	13 20	15 90
1908.....	2 22	94	13 34	16 50
1909.....	2 40	1 10	13 00	16 50
1910.....	2 40	1 10	12 90	16 40
1911.....	2 13	1 15	13 12	16 40

SCHOOL EXPENSES.

ANNUAL EXPENDITURES for the Public Schools of Boston for the last twenty financial years.

FINANCIAL YEAR.	Salaries of Teachers and Officers, School Committee.	Incidental Expenses.	Total for Running Expenses.	Ordinary Revenue.	Net Running Expenses.	Cost of New Schoolhouses.*	Total Expenditures.
1892-93.....	\$1,485,411 12	\$505,480 05	\$1,990,891 17	\$37,743 66	\$1,953,147 51	\$569,700 75	\$2,560,591 92
1893-94.....	1,522,074 37	480,542 95	2,012,617 32	40,709 13	1,971,908 19	279,356 81	2,291,974 13
1894-95.....	1,590,600 15	509,189 70	2,099,789 85	38,629 35	2,061,160 50	307,983 62	2,497,773 47
1895-96.....	1,647,021 50	567,846 39	2,214,867 89	39,181 66	2,175,686 23	513,735 61	2,728,603 50
1896-97.....	1,730,083 58	573,267 74	2,303,351 32	40,438 51	2,262,912 81	729,655 37	3,033,006 69
1897-98.....	1,886,603 00	597,843 77	2,484,446 77	42,287 16	2,442,159 61	930,716 40	3,415,163 17
1898-99.....	2,033,900 46	642,070 65	2,675,971 11	42,210 35	2,633,760 76	626,515 93	3,302,487 04
1899-1900.....	2,132,557 03	684,140 05	2,816,697 08	45,681 35	2,771,015 73	822,107 37	3,638,804 45
1900-01.....	2,261,766 60	715,515 85	2,977,282 45	48,455 07	2,928,827 38	737,183 81	3,714,466 26
1901-02.....	2,383,308 11	785,881 49	3,169,189 60	45,398 80	3,123,790 80	838,074 64	4,007,264 24
1902-03.....	2,507,677 66	861,000 56	3,368,768 22	50,030 04	3,318,738 18	945,089 34	4,313,857 56
1903-04.....	2,611,520 61	946,590 22	3,558,110 83	47,962 82	3,510,148 01	1,440,655 31	4,998,766 14
1904-05.....	2,713,282 05	910,101 39	3,623,383 44	57,213 81	3,566,169 63	2,114,851 23	5,738,234 67
1905-06.....	2,700,572 63	917,243 54	3,677,816 17	57,246 54	3,620,569 63	1,033,829 17	4,711,045 34
1906-07.....	2,908,244 01	835,402 29	3,743,646 30	56,420 11	3,687,226 19	716,482 77	4,460,129 07
1907-08.....	2,946,525 84	900,922 06	3,847,447 90	54,299 88	3,793,148 02	841,905 04	4,689,352 94
1908-09.....	3,070,293 73	887,397 99	3,957,691 72	66,746 83	3,890,944 89	774,919 50	4,732,611 22
1909-10.....	3,189,402 99	1,130,053 21	4,319,456 20	70,178 68	4,249,277 52	795,402 00	5,114,858 20
1910-11.....	3,330,290 07	1,097,164 34	4,427,454 41	78,237 23	4,349,217 18	1,034,933 29	5,462,387 70
1911-12.....	3,440,036 71	1,238,110 54	4,678,147 25	94,819 39	4,583,327 86	1,289,947 99	5,968,095 24

* Includes permanent improvements paid from loans.

SALARIES OF THE INSTRUCTORS OF THE BOSTON PUBLIC SCHOOLS.

FOR 1911-1912.

NORMAL SCHOOL.

Head Master, first year, \$3,204; annual increase, \$144; maximum.....	\$3,780
Masters, first year, \$2,340; annual increase, \$144; maximum....	3,204
Junior Masters, first year, \$1,476; annual increase, \$144; maximum.....	2,628
Instructors, first year, \$1,200; annual increase, \$120; maximum..	2,040
First Assistants, first year, \$1,332; annual increase, \$72; maximum.....	1,836
Supervisor of Practice, first year, \$1,332; annual increase, \$72; maximum.....	1,836
Assistants, first year, \$1,140; annual increase, \$60; maximum....	1,620
Assistant Instructors, first year, \$900; annual increase, \$72; maximum.....	1,548
Instructor in Drawing.....	2,508
Clerical Assistant, first year, \$600; annual increase, \$60; maximum.....	720

LATIN AND HIGH SCHOOLS.

Head Masters, first year, \$3,204; annual increase, \$144; maximum.....	\$3,780
Masters who are heads of departments, first year, \$2,340; annual increase, \$144; maximum.....	3,204
Junior Masters, appointed before June 1, 1906, first year, \$1,476; annual increase, for eleven years, \$144; salary for the twelfth year and subsequent years with the rank of Master.....	3,060
Junior Masters, appointed after June 1, 1906, first year, \$1,476; annual increase, \$144; maximum.....	2,628
Instructors, first year, \$1,200; annual increase, \$120; maximum..	2,040
* Assistant Principals, first year, \$1,620; annual increase, \$72; maximum.....	1,836
First Assistants, first year, \$1,332; annual increase, \$72; maximum.....	1,836
Assistants, first year, \$972; annual increase, \$72; maximum....	1,620
Assistant Instructors, first year, \$900; annual increase, \$72; maximum.....	1,548
Special Assistants, first year, \$600; annual increase, \$72; maximum.....	960
Clerical Assistants, first year, \$600; annual increase, \$60; maximum.....	720
Assistant Instructors in mechanical department (Mechanic Arts High School), first year, \$1,188; annual increase, \$72; maximum.....	1,620

* The rank of assistant principal shall be abolished as the position becomes vacant by the retirement of the present incumbents.

Special Assistants in mechanical department (Mechanic Arts High School), per day, first year, \$2; second and subsequent years.....	\$2.50
Industrial Instructors (High School of Practical Arts), first year, \$1,020; annual increase, \$72; maximum.....	1,236
Industrial Assistants (High School of Practical Arts), first year, \$600; annual increase, \$72; maximum.....	960
Vocational Assistants (High School of Practical Arts), first year, \$1,020; annual increase, \$72; maximum.....	1,236

SPECIAL INSTRUCTORS, LATIN AND HIGH SCHOOLS.

CHEMISTRY.

Special Assistant Instructor in Chemistry, Girls' High School.....	\$1,044
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COMMERCIAL BRANCHES.

Special Instructors, appointed before June 1, 1906, first year, \$1,200; annual increase, \$120; maximum.....	\$2,400
Special Instructors, appointed after June 1, 1906, first year, \$1,200; annual increase, \$120; maximum.....	2,040
Special Assistant Instructors, first year, \$900; annual increase, \$72; maximum.....	1,548

DRAWING.

Special Instructor in Drawing, English High School.....	\$2,508
Special Instructors in Drawing and Manual Training, appointed before June 1, 1906, first year, \$1,500; annual increase, \$120; maximum.....	2,340
Special Instructors in Drawing and Manual Training, appointed after June 1, 1906, first year, \$1,440; annual increase, \$120; maximum.....	2,040
Special Assistant Instructors in Drawing, first year, \$900; annual increase, \$72; maximum.....	1,548

MODERN LANGUAGES.

* Special Instructor in German, Girls' Latin School, first year, \$1,200; annual increase, \$120; maximum.....	\$2,040
† Special Assistant Instructors in French, first year, \$900; annual increase, \$72; maximum.....	1,548

SUMMER HIGH SCHOOL.

Principal, per day.....	\$10.00
Assistants, per day.....	5.00
Clerical Assistant, per day.....	2.50

ELEMENTARY SCHOOLS.

Masters, first year, \$2,580; annual increase, \$120; maximum.....	\$3,180
Sub-Masters, first year, \$1,500; annual increase, \$120; maximum.....	2,340
Masters' Assistants, first year, \$972; annual increase, \$48; maximum.....	1,308
First Assistants, Grammar School, first year, \$972; annual increase, \$48; maximum.....	1,212
‡ First Assistants, Primary School, first year, \$984; annual increase, \$48; maximum.....	1,080

* The rank of special instructor in German shall be abolished on the retirement of the present incumbent.

† The rank of special assistant instructor in French shall be abolished on the retirement of the present incumbents.

‡ The rank of first assistant, primary school, shall be abolished on the retirement of the present incumbents.

First Assistants in Charge, first year, \$972; annual increase, \$48; maximum.....	\$1,116
Assistants, first year, \$552; annual increase, \$48; maximum....	936
Assistants assigned to classes attended exclusively by boys in grades above the third, in the Agassiz, Bigelow, Dudley, Dwight, Eliot, Frederic W. Lincoln, Lawrence, Quincy, Sherwin, Thomas N. Hart and Wendell Phillips Districts, first year, \$552; annual increase, \$48; maximum.....	984
Special Assistants in grades, per day.....	2.00

KINDERGARTENS.

Director.....	\$1,800
First Assistants, first year, \$624; increase in the second year, \$24; annual increase for the third and subsequent years, \$48; maximum.....	792
Assistants, first year, \$432; annual increase, \$48; maximum....	624
Special Assistants, per day (one session).....	1.50
Special Assistants, per day (two sessions).....	2.00
Attendants, per day (one session).....	.50
Attendants, per day (two sessions).....	.80

TRADE SCHOOL FOR GIRLS.

Principal, first year, \$2,580; annual increase, \$120; maximum....	\$3,180
First Assistants, per month, first year, \$140; second year, \$150; third year.....	160
Vocational Assistants, per month, first year, \$100; second year, \$105; third and subsequent years.....	110
Trade Assistants, per month, first year, \$100; second year, \$105; third and subsequent years.....	110
Helpers, per month, first year, \$60; second year, \$65; third and subsequent years.....	70.00
Aids, per day.....	2.00

HORACE MANN SCHOOL FOR THE DEAF.

Principal, first year, \$2,580; annual increase, \$120; maximum....	\$3,180
Assistant Principal, first year, \$1,152; annual increase, \$72; maximum.....	1,584
Assistants, first year, \$780; annual increase, \$72; maximum....	1,284
Special Assistants, per day.....	2.00

SCHOOL ON SPECTACLE ISLAND.

Teacher, first year, \$552; annual increase, \$48; maximum.....	\$648
Other expenses connected with the school except for books.....	48

EVENING SCHOOLS.

Director, Evening and Continuation Schools.....	\$3,000
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HIGH.

Principal, Central School, per evening.....	\$10.00
Principals, local schools, per evening.....	10.00
Special Assistants, per evening.....	3.50
Second Special Assistant (Central School), per evening.....	2.00
Assistants, per evening.....	4.00
Special Teachers, per evening.....	2.50
Typewriting Assistants, per evening.....	2.00
Laboratory Assistants, per evening.....	2.00

ELEMENTARY.

Principals, per evening.....	\$5.00
First Assistants, per evening.....	2.50
Assistants, per evening.....	2.00
Interpreters, per evening.....	2.00

INDUSTRIAL.

Principal, per evening.....	\$8.00
Assistant Principal, per evening.....	6.00
First Assistants in Charge, per evening.....	6.00
Assistants, per evening, first year.....	3.00
Assistants, per evening, second year.....	4.00
Assistants, per evening, third year.....	5.00
Second Assistants, per evening.....	2.50
Curators, per evening.....	2.00

SPECIAL DEPARTMENTS.

DRAWING AND MANUAL TRAINING.

Director of Drawing and Manual Training, first year, \$3,060; annual increase, \$120; maximum.....	\$3,420
Assistant Director of Drawing and Manual Training, first year, \$2,340; annual increase, \$120; maximum.....	3,060
Assistant in Manual Training, first year, \$1,500; annual increase, \$120; maximum.....	2,340
Assistants in Drawing, first year, \$1,212; annual increase, \$72; maximum.....	1,500
Instructors in Manual Training, Elementary Schools, first year, \$1,056; annual increase, \$48; maximum.....	1,200
Assistant Instructors in Manual Training, Elementary Schools, first year, \$804; annual increase, \$48; maximum.....	996

HOUSEHOLD SCIENCE AND ARTS.

Supervisor.....	\$1,800
Teachers in schools of cookery, first year, \$552; annual increase, \$48; maximum.....	936
Teachers of Sewing, first year, \$552; annual increase, \$48; maximum.....	936

MUSIC.

Director.....	\$3,000
Assistant Directors, first year, \$2,004; annual increase, \$72; maximum.....	2,652
Assistants in, first year, \$996; annual increase, \$48; maximum..	1,236

SCHOOL HYGIENE.

Director of School Hygiene.....	\$3,756
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PHYSICAL TRAINING.

Assistant Directors of Physical Training and Athletics, first year, \$1,800; annual increase, \$120; maximum.....	\$2,400
Instructors in Athletics, first year, \$1,212; annual increase, \$72; maximum.....	1,500
Assistant Instructors in Athletics, first year, \$900; annual increase, \$72; maximum.....	1,116
Special Instructors in Physical Training, appointed before June 1, 1906.....	1,200
Special Instructors in Physical Training, appointed after June 1, 1906, first year, \$972; annual increase, \$72; maximum.....	1,188
Special Assistant Instructors in Physical Training, first year, \$756; annual increase, \$72; maximum.....	972

MILITARY DRILL.

Instructor.....	\$2,004
Assistant Instructor.....	1,500
Armorer.....	1,050

SALARIES OF SCHOOL INSTRUCTORS.

277

NURSES.

Supervising Nurse first year, \$1,212; annual increase, \$72; maximum.....	\$1,500
Assistant Nurses, first year, \$648; annual increase, \$48; maximum.....	840

SPECIAL CLASSES.

Medical Inspector.....	\$1,008
Assistants, first year, \$936; annual increase, \$48; maximum.....	1,032

PLAYGROUNDS.

Play-Teachers (men) (Saturday morning session).....	\$2.00
Play-Teachers (men) from close of school until 5.30 o'clock p. m.,	1.25
First Assistants (men) (one session).....	1.50
First Assistants (men) (two sessions).....	3.00
First Assistants (men) from close of school until 5.30 o'clock p. m.,	1.00
Playground Inspectors (women) (one session).....	1.15
Playground Inspectors (women) (two session).....	2.25
Playground Inspectors (women) from close of school until 5.30 o'clock p. m.....	1.00
First Assistants (women) (one session).....	1.00
First Assistants (women) (two sessions).....	2.00
First Assistants (women) from close of school until 5.30 o'clock p. m.....	.80
Assistants (women) (one session).....	.75
Assistants (women) (two sessions).....	1.25
Assistants (women) from close of school until 5.30 o'clock p. m.,	.60
Assistants in sand gardens (women) (one session).....	.60
Assistants in sand gardens (women) (two sessions).....	.75
Assistants in sand gardens (women) from close of school until 5.30 o'clock p. m.....	.50

TEACHERS SPECIALLY ASSIGNED.

To disciplinary classes, per month, in addition to the regular salary of their rank.....	\$8.00
To the Model School, Sub-Master, per month, in addition to the regular salary of his rank.....	20.00
To the Model School, Master's Assistant, First Assistant in Charge, Assistants in grades, First Assistant in Kindergarten and Assistant in Kindergarten, per month, in addition to the regular salary of their rank.....	8.00
To Day Industrial Schools, Assistants, per month, in addition to the regular salary of their rank.....	8.00

SUPERVISOR OF SUBSTITUTE.

Supervisor of Substitutes, first year, \$2,580; annual increase, \$120; maximum.....	\$3,420
Assistant Supervisor of Substitutes, first year, \$1,332; annual increase, \$72; maximum.....	1,836

SUBSTITUTES AND TEMPORARY TEACHERS.

2. *Ordered*, That the compensation of substitutes and temporary teachers be fixed for the year ending August 31, 1912, at the following rates for each day of actual service, one-session days being reckoned as whole days:

Masters and Junior Masters, Normal, Latin and High Schools....	\$5.00
First Assistants, Assistants, Instructors and Special Instructors, Normal, Latin and High Schools.....	4.00
Sub-Masters, Elementary Schools.....	4.00
Assistant Instructors, and Special Assistant Instructors, Normal, Latin and High Schools.....	3.00
Industrial Instructors, High School of Practical Arts.....	2.50

Industrial Assistants, High School of Practical Arts.....	\$2.00
Special Assistants, Latin and High Schools.....	2.00
Assistants, Elementary Schools.....	2.00
Assistants, Horace Mann School.....	2.50
Assistants, Special Classes.....	2.50
First Assistants, Kindergartens.....	1.75
Assistants, Kindergartens.....	1.50
Teachers of Cookery, Sewing and Woodworking.....	2.00
Assistant Nurses.....	2.00
Vocational Assistants (Trade School for Girls).....	4.00
Trade Assistants (Trade School for Girls).....	4.00
Helpers (Trade School for Girls).....	3.00

and that the compensation of substitutes and temporary teachers of other ranks than those enumerated herein shall be one four-hundredth part of the minimum salary of the respective ranks for each day of actual service; *provided*, that the minimum pay of no substitute shall be less than two dollars (\$2) for each day of actual service, except as above provided.

3. *Ordered*, That for the year ending August 31, 1912, any teacher who may be designated by the Superintendent, in accordance with the regulations, to fill a vacancy caused by the death, disability, or absence of a principal of a school or district or of a director or supervisor for a continuous period exceeding two weeks, shall receive, in addition to his or her regular salary, one-half of the difference between the said salary and the minimum salary of the higher position, during the time of such service, but not including the summer vacation. Teachers who may similarly be designated to fill the positions of master's assistant, or first assistant in charge, shall be paid at the rate of eight dollars (\$8) per month in addition to the regular salary of their rank.

4. *Ordered*, That the compensation of teachers appointed to serve during the regular terms of the day industrial schools, who are appointed to serve in the summer term, shall be at the same monthly rate as that received by the respective appointees during the month of June preceding.

5. *Ordered*, That any teacher in the day industrial schools whose salary is fixed at a stated sum per year, and who serves during the summer term thereof shall be paid therefor at the rate of one-twelfth of such annual salary for each month of such service.

6. *Ordered*, That those teachers in the elementary day schools whose regular maximum salary is \$1,000 or less per annum shall be paid at the rate of \$48 per annum in addition to their present salary, beginning on September 1, 1911.

7. *Ordered*, That Mary C. Mellyn, Supervisor of Substitutes, be placed upon the sixth year of the salary of her rank, viz., \$3,180, to take effect September 1, 1911, and that she be placed upon the seventh year of the salary of her rank, viz., \$3,300, to take effect September 12, 1911, and that she be advanced on successive anniversaries of the latter date until the maximum is reached.

8. *Ordered*, That Theodore M. Dillaway, Director of Drawing and Manual Training, be placed upon the first year of the salary of his rank, viz., \$3,060, to take effect September 1, 1911, and that he be placed upon the second year of service of his rank, viz., \$3,180, to take effect January 3, 1912, and be advanced on anniversaries of the latter date until the maximum of the rank is reached.

9. *Ordered*, That John C. Brodhead, Assistant Director of Drawing and Manual Training, be placed upon the first year of the salary of his rank, viz., \$2,340, to take effect September 1, 1911, and that he be placed upon the third year of service of his rank, viz., \$2,580, to take effect September 14, 1911, and that he be advanced on anniversaries of the latter date until the maximum of the rank is reached.

10. *Ordered*, That Florence E. Leadbetter, Principal of the Trade School for Girls, be placed upon the first year of the salary of her rank, viz., \$2,580, to take effect September 1, 1911, and be advanced on successive anniversaries of that date until the maximum is reached.

WAR PAYMENTS.

	Expenditures.	Receipts.		Expenditures.	Receipts.
Recruiting: .			<i>Brought forward . . .</i>	\$5,911,271 09	\$3,339,421 04
1862-63	\$937,012 26	\$42,350 00	1888-89	105,254 35	82,030 50
1863-64	255,365 52	64,296 00	1889-90	115,726 75	85,966 00
State Bounty Tax:			1890-91	137,095 56	90,910 75
1863-64	513,026 41		1891-92	120,007 54	102,273 00
1864-65	549,050 43	150,086 84	1892-93	177,520 01	109,778 62
1867-68		60 00	1893-94	182,516 59	142,974 48
1868-69		1,489 97	1894-95	198,387 77	140,013 66
Other Expenses:			1895-96	199,841 30	141,661 37
1861-62	90,151 63	6 52	1896-97	201,229 22	144,721 80
1862-63	15,856 53		1897-98	211,894 40	144,966 60
1863-64	33,010 34		1898-99	218,104 03	147,830 12
1864-65	19,457 60	1,061 23	1899-1900	217,683 04	150,625 96
1865-66	23,371 13	8,580 00	1900-01	214,732 51	148,179 83
1866-67	19,795 05		1901-02	227,351 89	141,381 33
1867-68	7,750 98		1902-03	231,852 23	139,549 69
1868-69	1,959 00		1903-04	239,293 24	135,765 79
1869-70	900 50		1904-05	237,162 71	134,490 72
1870-71	52 00		1905-06	240,876 94	131,789 37
1886-87	40,000 00		1906-07	245,583 76	127,982 18
Soldiers' Relief:			1907-08	247,145 43	126,936 33
1861-62	129,309 00	479 12	1908-09	241,196 24	125,282 28
1862-63	309,553 09	61,071 02	1909-10	230,310 49	123,807 86
1863-64	297,328 33	257,066 51	1910-11	212,803 87	117,263 31
1864-65	293,987 67	310,759 87	1911-12	202,561 78	103,527 14
1865-66	117,469 30	290,007 28	Burial Expenses:		
1866-67	257,407 60	164,000 00	1889-90	1,772 00	
1867-68	109,179 79	205,000 00	1890-91	2,247 50	
1868-69	108,709 95	145,387 63	1891-92	2,647 50	932 25
1869-70	102,845 29	102,500 00	1892-93	3,968 00	1,177 50
1870-71	96,564 20	99,043 00	1893-94	4,818 02	1,845 00
1871-72	89,942 41	95,500 00	1894-95	3,956 50	2,078 00
1872-73	83,940 45	87,700 00	1895-96	4,470 00	3,554 51
1873-74	83,435 12	81,600 00	1896-97	4,985 00	4,935 00
1874-75	88,639 87	90,936 35	1897-98	5,972 50	4,680 00
1875-76	84,219 50	86,100 00	1898-99	5,770 00	5,880 00
1876-77	82,225 36	81,900 00	1899-1900	6,582 50	5,445 00
1877-78	81,629 51	84,254 57	1900-01	6,390 00	6,332 50
1878-79	119,981 12	79,730 88	1901-02	6,945 00	5,565 00
1879-80	91,445 66	109,498 00	1902-03	7,225 00	7,070 00
1880-81	99,020 21	81,819 50	1903-04	6,560 00	6,825 00
1881-82	100,310 55	78,610 00	1904-05	6,595 00	5,915 00
1882-83	97,276 61	80,567 50	1905-06	8,065 00	6,440 00
1883-84	92,475 79	83,538 68	1906-07	7,177 00	6,965 00
1884-85	94,134 31	80,505 07	1907-08	7,038 67	6,182 00
1885-86	97,052 74	75,625 50	1908-09	6,463 46	7,760 00
1886-87	96,911 46	78,619 00	1909-10	5,987 00	6,463 46
1887-88	99,516 82	79,671 00	1910-11	5,735 00	6,135 00
			1911-12	4,773 00	5,770 00
<i>Carried forward</i>	<i>\$5,911,271 09</i>	<i>\$3,339,421 04</i>	Gross Expenditures, ...	<i>\$10,893,546 39</i>	<i>\$6,487,079 95</i>
			Gross Receipts	<i>6,487,079 95</i>	
			Net Expenses	<i>\$4,406,466 44</i>	

ACTUAL EXPENDITURES.

Actual expenditures of the City of Boston and the County of Suffolk, exclusive of debt and temporary loans redeemed since 1872, as follows:

YEAR.	Interest on Debt and Temporary Loans.	State Tax.	Other City Expenditures.	Total Actual Expenditures on Account of City.	County.	Total City and County.
1872-73.	\$1,859,283 56	\$736,480 00	\$11,991,630 39	\$14,587,393 95	\$337,526 95	\$14,924,920 90
1873-74.	2,279,398 06	828,540 00	15,133,971 71	18,241,909 77	310,702 71	18,552,612 48
1874-75.	2,671,496 12	802,120 00	11,542,694 17	15,016,310 29	372,321 99	15,388,632 28
1875-76.	2,607,933 20	802,120 00	11,704,336 52	15,114,389 72	361,510 29	15,475,900 01
1876-77.	2,572,057 28	742,932 00	10,805,276 07	14,120,265 35	345,976 34	14,466,241 69
1877-78.	2,461,600 59	619,110 00	10,434,694 47	13,515,405 06	328,646 92	13,844,051 98
1878-79.	2,352,160 26	412,740 00	9,413,015 15	12,177,915 41	327,833 50	12,505,748 91
1879-80.	2,377,050 59	206,370 00	9,320,836 79	11,904,257 38	296,140 82	12,200,398 20
1880-81.	2,220,171 43	619,110 00	10,252,967 39	13,092,248 82	305,871 68	13,398,120 50
1881-82.	2,188,564 72	619,110 00	10,422,476 44	13,230,151 16	338,261 12	13,568,412 28
1882-83.	2,184,580 49	825,480 00	11,879,562 33	14,889,622 82	362,908 06	15,252,530 88
1883-84.	2,227,045 73	578,055 00	12,852,436 08	15,657,536 81	368,352 40	16,025,889 21
1884-85.	2,238,518 17	770,740 00	12,456,798 17	15,466,056 34	393,785 77	15,859,842 11
1885-86.	2,242,102 19	578,055 00	11,480,449 18	14,300,606 37	852,613 93	15,153,220 30
1886-87.	2,237,479 04	555,870 00	11,542,638 27	14,335,987 31	999,056 20	15,335,043 51
1887-88.	2,315,833 49	833,805 00	12,920,866 74	16,070,505 23	1,086,026 43	17,156,531 66
1888-89.	2,324,476 50	833,805 00	12,974,131 56	16,132,413 06	1,334,640 21	17,467,053 27
1889-90.	2,353,785 54	738,020 00	13,508,467 28	16,600,272 82	1,265,160 36	17,865,433 18
1890-91.	2,447,882 87	645,767 50	14,585,464 60	17,679,114 97	1,133,121 18	18,812,236 15
Nine months, ending Jan. 31, 1892.	1,785,671 04	553,515 00	13,855,842 03	16,195,028 07	777,496 32	16,972,524 39
1892-93.	2,522,587 58	640,062 50	16,954,626 31	20,117,276 39	1,183,388 65	21,300,665 04
1893-94.	2,476,430 94	914,375 00	17,287,020 68	20,677,826 62	1,019,172 73	21,696,999 35
1894-95.	2,341,623 81	731,500 00	19,026,419 75	22,099,543 56	985,044 21	23,084,587 77
1895-96.	2,580,208 65	538,920 00	20,474,494 46	23,593,623 11	941,184 68	24,534,807 79
1896-97.	2,820,480 64	628,740 00	21,421,186 40	24,870,407 04	967,083 25	25,837,490 29
1897-98.	3,107,953 19	628,740 00	24,105,749 58	27,842,442 77	1,183,478 06	29,025,920 83
1898-99.	3,326,127 78	536,670 00	22,794,478 50	26,657,276 28	1,223,241 21	27,880,517 49
1899-1900.	3,258,486 87	536,670 00	24,246,070 07	28,041,226 94	1,284,496 76	29,325,723 70
1900-01.	3,372,266 00	536,670 00	23,559,659 53	27,468,595 53	1,286,450 67	28,755,046 20
1901-02.	3,131,100 88	632,240 00	25,279,578 54	29,042,919 42	1,470,276 08	30,513,195 50
1902-03.	3,077,050 88	541,920 00	26,327,770 22	29,946,741 10	1,700,850 15	31,647,591 25
1903-04.	3,173,911 88	903,200 00	28,071,752 70	32,148,864 58	1,501,586 44	33,650,451 02
1904-05.	3,320,144 38	900,125 00	28,417,736 09	32,638,005 47	1,451,986 08	34,089,991 55
1905-06.	3,504,103 13	1,440,200 00	28,270,333 05	33,214,636 18	1,377,704 33	34,592,340 51
1906-07.	3,671,778 94	1,260,175 00	27,817,757 83	32,749,711 77	1,395,900 07	34,145,611 84
1907-08.	3,769,830 58	1,438,800 00	27,397,912 24	32,606,542 82	1,500,090 41	34,106,633 23
1908-09.	3,894,965 35	1,978,350 00	26,402,196 14	32,275,511 49	1,505,615 76	33,781,127 25
1909-10.	3,965,443 80	1,618,650 00	26,600,060 27	32,184,154 07	1,603,152 00	33,787,306 07
1910-11.	4,086,250 65	1,880,395 00	26,784,297 11	32,750,942 76	1,537,506 98	34,288,449 74
1911-12.	4,143,157 09	1,880,395 00	27,317,977 23	33,341,529 32	1,636,168 09	34,977,697 41

Average Valuation for 3 Years, less Abatements to December 31 in each year.

* Of this amount, under authority of chapter 448, Acts of 1901, the School Committee is allowed for school purposes \$3.40 on a thousand, after the year 1901; and under chapter 295, Acts of 1907, \$0.02 on a thousand for 1907, and \$0.04 thereafter, for Physical Education; under chapter 357, Acts of 1907, \$10,000 for nurses for 1907, and \$0.02 on a thousand thereafter.

* Of this amount, under authority of chapter 448, Acts of 1901, the School Committee is allowed for school purposes \$3.40 on a thousand, after the year 1901; and under chapter 295, Acts of 1907, \$0.02 on a thousand for 1907, and \$0.04 thereafter, for Physical Education; under chapter 357, Acts of 1907, \$10,000 for nurses for 1907, and \$0.02 on a thousand thereafter.

AVERAGE VALUATIONS AND BASES OF APPROPRIATION BILLS.

Average Valuation for 3 Years, less Abatements to December 31, in each Year.

1907.....	\$1,277,830.274 00	1908.....	\$1,300,863,960 00	1909.....	\$1,323,892,973 00	1910.....	\$1,355,416,829 00	1911.....	\$1,403,848,440 00
YEAR.		Product of \$10.55 Law. *	Estimated Miscellaneous Revenue.	Total Amount Available Inside Tax Limit.	Appropriated Inside Tax Limit.	Debt Requirements, City and County.	County Purposes.	Total Amount Appropriated.	
1908-09	{ City purposes.....	\$8,995,925 13	\$3,602,906 29	\$12,658,831 42	\$12,089,228 00	\$5,006,953 00	\$1,226,675 00	\$18,382,856 00	
	{ School ".....	4,485,184 25	51,839 36	4,537,023 61	4,025,891 51	.....	.....	4,025,891 51	
1909-10	{ City purposes.....	9,027,995 88	4,009,000 00	13,036,995 88	12,456,373 50	5,035,830 00	1,245,000 00	18,737,203 50	
	{ School ".....	4,696,118 89	74,313 09	4,770,431 98	4,250,086 00	.....	.....	4,250,086 00	
1910-11	{ City purposes.....	9,055,427 93	4,790,000 00	13,845,427 93	12,806,937 00	5,097,480 00	1,281,700 00	19,186,117 00	
	{ School ".....	4,911,642 93	72,914 26	4,984,557 19	4,984,557 00	.....	.....	4,984,557 00	
1911-12	{ City purposes.....	9,135,509 43	6,024,926 25	15,160,435 68	14,019,591 28	5,281,936 45	1,373,411 00	20,674,938 73	
	{ School ".....	5,164,138 11	137,028 62	5,301,166 73	5,166,532 24	.....	.....	5,166,532 24	
1912-13	{ City purposes.....	9,293,476 68	5,421,044 42	14,714,521 10	.....	5,292,568 82	.....	.....	
	{ School ".....	5,517,124 37	.....	.....	.....	.....	.....	.....	

* Of this amount, under authority of section 54, chapter 12, Revised Laws, as amended by chapters 295 and 357 of the Acts of 1907, chapter 589, Acts of 1908, chapter 388, Acts of 1909, chapter 708 of 1911 and chapter 195, Acts of 1912, the School Committee is allowed for school purposes \$3.51 on the thousand for the year 1908; \$3.61 for the year 1909; \$3.71 for the year 1910; \$3.81 for the year 1911; \$3.93 for the year 1912; \$4.03 for the year 1913 and \$4.08 for the year 1914, and thereafter.

PAYMENTS FROM REGULAR DEPARTMENT APPROPRIATIONS, FEBRUARY 1, 1903, TO JANUARY 31, 1912.

	1903-04.	1904-05.	1905-06.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.
Art Department.....	\$46 43								
Assessing Department.....	179,236 83	\$180,479 97	\$183,211 87	186,987 21	\$100 00	\$310 88	\$317 81	\$205 00	\$1,444 05
Auditing Department.....	45,500 00	44,753 71	42,261 68	41,394 71	190,720 34	175,058 31	169,330 52	173,995 73	177,639 67
Bath Department.....	163,567 63	163,537 71	180,265 65	196,088 08	205,507 83	174,750 74	40,259 77	43,475 06	43,475 06
Board of Aldermen.....	29,419 78	29,439 91	29,958 11	30,810 86	30,582 89	26,278 35	24,366 58	172,894 32	204,218 09
Building Department.....	101,650 65	102,083 68	99,810 18	107,566 44	116,555 00	101,731 23	98,216 39	101,457 69	110,082 97
Board of Appeal.....	2,755 10	2,560 00	1,720 00	1,765 00	2,333 37	3,930 64	3,449 74	2,675 03	4,146 52
Cemetery Department.....	66 272 60	73 469 24	83,750 19	93,949 38	101,050 40	77,164 67	75,049 08	80,268 94	83,361 10
City Clerk Department.....	55,394 66	54,152 04	52,089 73	52,791 97	51,154 08	46,591 51	42,900 22	44,279 77	44,448 00
City Council:									
Incidental Expenses.....	9,589 56	9,702 78	13,845 04	10,045 34	8,637 73	9,764 55	15,581 35	23,255 94	24,052 20
City Documents.....	22,008 44	22,008 44	33,555 71	34,904 56	37,905 29	33,951 11	44,276 78	36,900 86	35,968 92
City Messenger Department.....	34,999 81	35,000 00	36,699 20	37,200 00	38,960 67	34,998 53	33,497 69	809 00	
Clerk of Committees Department.....	17,152 69	17,298 44	17,555 16	17,441 28	18,072 41	16,467 94	15,440 79	248 25	
Collecting Department.....	125,950 00	134,996 34	134,927 52	134,983 16	159,867 40	124,019 53	126,449 97	132,570 31	134,589 33
Common Council.....	30,084 09	30,231 92	29,848 76	29,969 73	29,642 10	30,476 46	31,367 44	98 57	
Consumptives' Hospital Department.....				3,680 59	36,522 62	74,605 11	158,915 34	188,019 82	187,895 41
Election Department.....	168,648 51	162,470 64	168,249 70	168,685 57	176,920 20	164,214 50	147,121 70	140,068 30	138,826 65
Engineering Department.....	79,997 21	79,667 47	81,989 27	81,978 16	82,240 35	78,081 56	83,950 45	87,009 04	
Finance Commission.....							10,193 25	34,384 68	34,862 47
Fire Department.....	1,309,558 87	1,334,382 96	1,341,448 01	1,437,270 80	1,511,323 86	1,513,238 99	1,512,342 39	1,582,390 36	1,612,395 31
Health Department.....	191,035 14	194,439 68	195,257 53	193,250 79	240,879 91	206,255 74	220,326 39	243,012 28	297,295 69
Hospital Department.....	476,857 20	486,994 50	486,776 88	487,034 22	485,615 26	552,001 00	601,985 79	533,873 30	551,538 93
Boston Infirmary Department:									
Boston Almshouse and Hospital.....	139,605 78	146,497 80	150,358 92	156,887 53	153,996 97	145,379 56	144,004 21	148,830 35	156,009 19
Almshouse, Charlestown.....	16,829 78	16,151 38	15,994 40	15,998 63	17,352 17	16,983 44	17,930 75	16,036 81	15,655 60
Epileptics, etc., care of.....		25,579 69	29,785 63	13,574 10	51,707 52	32,586 33			
Pauper Expenses.....	1,472 04	1,918 54	3,209 41	3,040 92	3,612 84	5,338 22	13,391 24	6,430 68	4,150 64
Office Expenses.....	3,722 07	3,459 95	3,536 51	3,726 70	3,945 65	4,419 20	4,490 83	4,621 93	4,621 93
Steamer "George A. Hibbard".....	7,348 29	8,790 81	8,380 74	7,883 55	8,494 79	8,626 70	6,997 12	8,041 19	7,749 32
Children's Institutions Department:									
Placing Out and Office Division.....	88,988 32	84,727 79	90,471 13	83,769 60	124,287 99	108,685 36	96,691 89	101,753 74	110,141 61
Marcella Street Home.....	398 35								
Parental School.....	55,092 80	55,910 99	54,642 67	59,008 72	61,615 02	59,757 88	59,535 49	54,941 33	56,082 68
Suffolk School for Boys.....	43,320 70	42,000 00	41,970 33	41,962 08	42,149 41	43,481 70	52,960 97	45,291 37	41,620 65
Carried forward.....	\$3,466,443 33	\$3,543,306 38	\$3,611,569 93	\$3,734,262 08	\$4,033,295 06	\$3,909,242 54	\$4,024,166 76	\$4,009,578 52	\$4,083,471 99

PAYMENTS FROM REGULAR DEPARTMENT APPROPRIATIONS. — *Concluded.*

	1903-04.	1904-05.	1905-06.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.
<i>Brought forward</i>	\$3,466,443 33	\$3,543,306 38	\$3,611,569 93	\$3,734,262 08	\$4,033,295 06	\$3,909,242 54	\$4,024,166 76	\$4,009,578 52	\$4,083,471 99
Insane Hospital Department:									
Boston Insane Hospital.....	135,500 00	152,860 11	165,000 00	165,000 00	170,685 00	160,938 46	135 23		
Insane in State Institutions.....	28,377 57	52,139 89	586 44						
Institutions Registration Department.....	23,550 56	23,479 65	23,493 32	23,055 96	23,358 42	23,279 82	22,413 09	20,470 25	20,602 33
Steamer "Monitor".....	21,281 64	20,079 46	23,626 05	22,929 37	25,199 64	22,504 10	24,932 89	25,072 40	28,346 13
Law Department.....	45,221 63	47,931 90	47,926 76	46,391 40	45,780 71	44,254 63	47,892 66	46,532 83	45,494 63
Library Department.....	306,256 32	305,437 65	310,100 00	325,306 56	325,508 51	310,258 00	349,769 72	352,367 32	355,869 44
Licensing Board.....				19,027 08	37,565 29	34,604 53	34,911 83	34,469 95	36,090 96
Market Department.....	10,467 87	11,419 99	11,340 08	11,394 87	11,676 95	10,905 07	10,690 98	10,810 19	11,504 80
Miscellaneous.....									
Office Expenses, etc.....	42,797 45	30,288 48	38,398 75	51,583 78	85,775 23	52,325 13	53,529 83	49,352 08	50,632 08
Bureau Information.....	34,595 18	54,644 80	31,040 48	40,320 59	72,664 19	26,978 17	30,763 37	3,708 15	6,982 77
Public Celebrations.....	15,015 56	15,099 25	16,499 36	20,000 00	25,000 00	14,999 82	18,988 06	42,892 03	42,997 73
Music Department.....	132,274 35	131,284 56	132,690 20	133,256 04	133,292 22	143,889 40	143,407 12	17,583 75	17,599 15
Overseeing of the Poor Department.....	202,601 07	217,649 67	241,549 16	340,915 48	336,144 87	309,008 32	365,172 07	142,131 89	147,557 44
Park Department.....									
Police Department.....	1,878,434 05	1,902,900 00	1,938,472 93	1,933,896 48	1,928,622 64	2,052,671 66	2,099,363 59	2,155,548 07	2,177,655 50
Department Expenses.....	1,721,274 36	1,758,420 08	1,791,593 15	1,817,096 13	1,843,925 70	1,971,123 48	2,013,814 92	2,076,293 77	2,101,317 26
Liquor License Expenses.....	53,250 33	54,197 20	56,786 50	26,594 85					
Police Signal Service.....	62,032 93	60,968 05	60,355 78	62,990 96	57,846 05	55,811 57	60,753 12	54,946 93	52,933 65
Listing Voters.....	41,876 43	29,314 67	29,737 50	27,214 54	26,850 89	25,736 61	24,795 55	24,307 37	23,404 68
Printing Department*.....	2,991 56	2,991 56	2,991 56	6,623 46	5,037 96	2,843 63	2,991 56		
Public Buildings Department.....	241,425 99	251,997 67	241,102 56	258,378 19	250,465 45	210,800 38	164,988 98	194,993 79	219,720 56
General Expenses, care, repairs, etc.,									
Armories.....	198,061 23	205,129 36	194,634 68	209,065 45	203,285 96	158,306 14	120,171 33	150,568 30	166,629 67
Rents.....	21,102 76	23,714 06	20,323 82	22,014 93	19,480 84	97,132 09	18,754 55	19,993 22	19,760 46
Public Grounds Department.....	116,631 94	122,580 67	124,987 72	172,045 96	180,040 21	132,060 45	140,041 27	148,272 83	158,788 08
Public Works Department.....	3,651,903 32	3,993,685 41	4,031,327 01	4,002,658 58	4,179,387 93	3,761,676 30	3,864,798 52	4,051,952 84	4,238,501 96
Central Office.....									
Bridge and Ferry Division.....									
Highway Division.....									
Sewer and Water Division:									
Sewer Service.....									
Water Service*.....									
Registry Department.....	41,330 80	41,190 19	40,603 07	38,024 25	37,109 33	34,988 94	34,584 11	38,950 24	37,923 40
School Committee.....	3,554,298 56	3,620,739 34	3,673,628 38	3,739,595 66	3,844,845 24	3,954,804 48	4,316,500 73	4,419,932 31	4,671,938 30
General Expenses.....	3,190,165 56	3,263,433 61	3,336,928 38	3,451,495 66	3,514,545 24	3,621,304 48	3,973,525 43	4,061,432 31	4,277,938 30

Schoolhouses.....	364,133 00	357,305 73	330,700 00	288,100 00	330,300 00	333,500 00	342,975 30	358,500 00	394,000 00
Sinking Funds Department.....	2,614 49	2,065 37	2,790 99	2,867 90	2,783 10	2,385 17	2,263 08	2,291 47	2,228 19
Soldiers' Relief Department.....	245,553 24	243,757 71	248,941 94	252,700 76	251,184 10	247,659 70	236,297 49	218,538 87	207,334 78
Statisties Department.....	13,536 88	9,499 84	10,000 00	12,209 18	12,170 70	11,153 60	8,719 18	10,561 00	10,114 58
Street Laying-Out Department.....	37,029 84	34,362 79	33,300 56	38,670 73	80,623 18	76,531 80	77,999 68	84,898 32	122,434 84
Supply Department.....	50,197 04	49,909 24	50,549 95	48,963 09	50,812 29	49,130 47	47,533 34	46,811 95	46,900 03
Treasury Department.....	24,080 32	24,194 28	23,376 47	24,254 10	24,000 67	22,992 12	23,748 13	24,574 30	24,806 27
Weights and Measures Department.....	37,053 47	37,336 53	58,398 06	61,463 84	65,041 53	54,693 45	53,990 00	57,741 70	61,747 45
Wire Department.....	864,114 81	910,698 01	927,811 09	900,379 26	1,023,833 95	1,035,778 85	1,041,661 58	1,041,469 90	1,133,789 10
County Buildings.....									
Jail.....									
Supreme Judicial Court.....									
Superior Court, Civil Session.....									
Superior Court, Criminal Session.....									
Probate Court.....									
Municipal Court Justices.....									
Municipal Court, Civil Session.....									
Municipal Court, Criminal Session.....									
Municipal Court, Charlestown Dis- trict.....									
East Boston District Court.....									
Municipal Court, South Boston District.....									
Municipal Court, Dorchester Dis- trict.....									
Municipal Court, Roxbury Dis- trict.....									
Municipal Court, West Roxbury District.....									
Municipal Court, Brighton Dis- trict.....									
Boston Juvenile Court.....									
Police Court, Chelsea.....									
Registry of Deeds.....									
Index Commissioners.....									
Insanity Cases.....									
Land Court.....									
Medical Examinations.....									
Miscellaneous Expenses.....									
Penal Institutions Department: House of Correction, Deer Island. Office Expenses.....	184,649 62 19,827 35	194,401 36 19,373 47	182,342 43 19,912 73	167,358 11 19,929 71	179,706 34 21,175 38	195,584 96 19,920 27	226,089 92 21,484 12	204,069 55 19,083 52	205,020 35 21,021 97
Totals.....	\$15,630,057 81	\$16,088,825 95	\$16,265,117 98	\$16,673,724 47	\$17,466,706 09	\$16,938,351 02	\$17,502,329 77	\$17,886,027 98	\$18,023,549 13

* See Payments from Revenues.

PAYMENTS FROM REVENUES.

	1903-04.	1904-05.	1905-06.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.
Printing Department.....	\$186,031 40	\$148,919 71	\$172,707 79	\$205,365 68	\$195,676 64	\$172,264 95	\$180,019 88	\$183,670 76	\$171,596 12
Water Department:									
Department Expenses.....	* 827,286 89	543,747 20	541,375 59	544,769 54	646,191 07	* 729,677 14	* 871,367 43	860,676 10	822,377 46
Extension of Mains.....	.....	.....	.....	.....	165,000 00				
County of Suffolk:									
House of Correction, Deer Island ..	58,403 09	54,166 95	54,418 92	60,994 04	36,182 37	57,934 49	51,676 08	32,401 72	33,810 28
Totals.....	\$1,071,721 38	\$746,833 86	\$768,502 30	\$811,159 26	\$1,043,050 08	\$959,876 58	\$1,103,063 39	\$1,076,748 58	\$1,027,783 86

* Includes extension of mains.

STREET WIDENINGS, ETC., 1911-12.

LAND DAMAGES.

Addison street	\$475 00
Bay street	1,725 00
Bellevue street, Dorchester	1,775 29
Benton street	375 00
Berkeley street	2,500 00
Brinsley street	435 00
Bruce street	75 00
Cotton street	127 38
Curtis street	3,075 00
Dorchester avenue	525 00
Evergreen street	335 00
Geneva avenue	364 00
Hazelton street	700 00
Hobson street	1,822 90
Hyde Park avenue	4,604 89
Leon street	1,575 00
Mallet street	50 00
Mead street, Charlestown	550 00
Mountain avenue	370 00
Morton street	1,922 85
Pontiac street	2,578 54
Quint avenue	450 00
Ralston street	8,334 06
Rexford street	45 00
Sachem street	17,225 00
St. James avenue	2,500 00
South Huntington avenue	129 00
Stanhope street	500 00
Wales street	4,941 55
Wallingford road	25 00
Walworth street	1,000 00
Washington street, West Roxbury	1,148 90
Westcott street	100 00
	<u>\$62,359 36</u>

AN ACCOUNT OF THE
REAL AND PERSONAL PROPERTY
OF THE CITY OF BOSTON
ON THE THIRTY-FIRST DAY OF JANUARY, 1912.

*(Exclusive of the means in the hands of the Board of Commissioners of
Sinking Funds for the Redemption of the Debt of the City.)*

[The Assessors' valuation April 1, 1911, of the real estate owned by the City of Boston was \$122,325,700.]

PROPERTY.

Framed copy of poem of "America," in handwriting of the author, Rev. Dr. Samuel F. Smith. Loaned to Bostonian Society.

BATH DEPARTMENT.

Two commercial automobiles, one touring car, one horse, two wagons, two harnesses, blankets, etc., fifteen cash registers.

About 30,000 towels, 4,000 bathing suits and 18,000 bathing trunks.

FLOATING HOUSES.

There are ten of these houses anchored to the wharves and bridges in various parts of the city. They contain lockers and closets for the use of the bathers, and are located as follows:

Border street,	Ward 2	2 houses.	Men and Women.
Jeffries Point,	" 2	Men and Women.	
Mystic Playground,	" 3	Men and Women.	
Warren Bridge,	" 5	2 houses.	Men and Women.
Fort Point channel,	" 7	1 house.	Men only.
Charlesbank,	" 8	2 houses.	Men and Women.
Dover street,	" 9	2 houses.	Men and Women.

POOLS.

Orchard Park Pool, Ward 17.—Men and Women. Three small buildings equipped with lockers and dressing rooms. The pool has only a fence of wood around it, without a roof.

Cabot street.—Men and Women.

Columbia road.—Men and Women.

Curtis Hall.—Men and Women.

BEACHES.

North End Park, Ward 6.—Two houses for Men and Women.

At this beach laundry work is done during the season. Piers, shelter tents and grounds are under the care of the Bath Department.

Charlestown Park Beach, Ward 4.—Three houses, with 79 closets for Men, Women and Children.

Wood Island Park Beach, Ward 1.—Three houses for Men, Women and Boys.

Columbia road, foot of L street, South Boston.—One large building, divided into three parts for Men, Women and Boys.

Columbia road, McKenzie Beach.—Pavilion with lockers for Men and Boys and portable house with closets for Women and Girls.

Tenean Beach, Neponset.—Portable house with lockers for Men and Boys and a portable house with closets for Women and Girls.

RIVER BATH.

Charles River Bath, Ward 23.—Men and Women. Two houses fitted up with lockers, etc., and a swimming pool for Children.

At all beaches are anchored large rafts for diving; also a boat, of which the department has nine, is stationed, fitted with life lines, etc.

All places are fitted complete with lights, utensils for cleaning houses, life preservers, shower baths, etc.

WINTER BATHS.

Dover street, Ward 9.—Brick building, 33 showers for Men, 17 showers for Women. Laundry located in this house to do laundry work for bath houses.

Cabot street, Ward 18.—Brick building, containing 45 showers, swimming pool, 75 feet by 25 feet, and Gymnasium.

North Bennet street.—Brick building, containing 72 showers and Gymnasium.

Columbia road, Ward 16.—Twenty-six showers and swimming pool.

Copley School, Ward 3.—

GYMNASIA.

Paris street, Ward 2.—Men and Women.

Ward 7.—75 Tyler street. Men and Women.

Ward 9.—Harrison avenue, corner Plympton street. Men and Women.

D street, Ward 13.—Men and Women.

Ward 16.—Corner Columbia road and Bird street, Dorchester.

Cabot street, Ward 18.—Men and Women.

North Bennet street.—Men and Women.

Curtis Hall, Ward 23.—Men and Women.

All the Gymnasias are fitted with lockers, showers, apparatus, etc.

BELLS OWNED BY THE CITY.

LOCATION.	Material.	Weight in lbs.
<i>City Proper.</i>		
Building, Berkeley street and Warren avenue.....	Composition.	2,941
Faneuil Hall.....	"	5,186
<i>Charlestown.</i>		
City Hall.....	Composition.	3,600
Van Nostrand's Brewery.....	"	818
<i>East Boston.</i>		
Saratoga Street M. E. Church.....	Steel.	1,968
Trinity Church, Trenton street.....	Composition.	1,760
<i>South Boston.</i>		
Engine House No. 1, Dorchester street.....	Composition.	2,911
Lincoln Schoolhouse, Broadway.....	"	3,110
<i>Dorchester.</i>		
Engine House No. 16, Temple street.....	Composition.	4,149
Engine House No. 19, Mattapan.....	"	2,927
Engine House No. 20, Walnut street.....	"	3,061
Engine House No. 21, Columbia road.....	"	3,026
<i>Roxbury.</i>		
Ladder House No. 4, Dudley street.....	Composition.	3,509

BELLS OWNED BY THE CITY.—*Concluded.*

LOCATION.	Material.	Weight in lbs.
<i>West Roxbury.</i>		
Engine House No. 30, Mt. Vernon street (old).....	Steel.	1,000
Engine House No. 45, Roslindale.....	Composition.	1,059
<i>Brighton.</i>		
Engine House No. 29, Chestnut Hill avenue.....	Steel.	1,535
Engine House No. 34, Western avenue.....	Composition.	1,501
Engine House No. 41, Allston.....	"	800

BUILDING DEPARTMENT.

One automobile, records, books, plans, typewriting machines and camera.

CEMETERY DEPARTMENT.

Chapel, office building, stable and sheds, Mt. Hope.

Office buildings at Evergreen, Dorchester North, Copp's Hill and Bennington Street Grounds.

Dwelling house in Fairview Cemetery.

Tool houses at Phipps street, Dorchester South and Fairview.

Five greenhouses, plants, flower pots, sashes and gardening tools.

Eight horses, harnesses, robes, etc., 1 automobile, 2 carriages, 3 buggies, 3 sleighs, 1 pung, 3 express wagons, 8 carts, 1 undertaker's wagon, 1 caravan, 2 farm wagons, 3 hay carts, 2 horse rollers, 3 horse sleds, 1 stone jigger, 1 scoop, 1 stone drag, 1 watering cart, 3 derricks, crusher, engine and steam drill, 1 portable boiler, spraying machine, wagon, engine and leveler, 1 harrow, 1 truck bier.

Mt. Hope Cemetery.—Located in West Roxbury district, about $5\frac{1}{2}$ miles from the city proper, containing 117 acres and 36,536 square feet. House occupied by the superintendent of the cemetery is owned by the city. Opposite Mt. Hope Cemetery are two lots of unused land on Berry street, north corner of Manning street, 7,150 square feet, and on Berry street, south corner of Manning street, 5,262 square feet.

City Proper.—Copp's Hill, 89,015 square feet; King's Chapel, Tremont street, 19,344 square feet; Granary, Tremont street, 82,063 square feet; Central, Common, 60,693 square feet; South, Washington street, 64,570 square feet.

Roxbury.—Eliot, Eustis street, 34,830 square feet; Warren, Kearsarge avenue, 54,500 square feet.

South Boston.—Hawes, Emerson street, 11,232 square feet.

East Boston.—Bennington street, 157,500 square feet.

Charlestown.—Bunker Hill, between Elm and Polk streets, 48,202 square feet; Phipps street, 76,740 square feet.

Dorchester.—North, Upham's Corner, 139,802 square feet; South, Dorchester Lower Mills, 95,462 square feet.

West Roxbury.—Westerly, Centre street, 39,450 square feet; Walter street, 35,100 square feet.

Brighton.—Evergreen, Commonwealth avenue, 604,520 square feet; Market street, 18,072 square feet.

Hyde Park.—Fairview Cemetery. About 55 acres.

Tombs.—Twenty-five in the South Burying Ground, 6 in Phipps Street Ground; 1 tomb for infants in South Burying Ground, 1 tomb for infants and 1 for adults in the Copp's Hill Burying Ground, 1 for adults and 1 for infants in the Granary Burying Ground, 1 in the Chapel Burying Ground for infants, 1 in the Central Burying Ground for infants, 2 receiving tombs at East Boston, 1 receiving tomb in Dorchester North, 1 receiving tomb in Dorchester South, 1 receiving tomb in Evergreen Cemetery, 1 receiving tomb in Mt. Hope Cemetery, and 1 receiving tomb in Fairview Cemetery.

CONSUMPTIVES' HOSPITAL DEPARTMENT.

The following property is in charge of the Consumptives' Hospital Department:

The hospital site is the Conness estate on River street, Mattapan, midway between Mattapan square and the Dorchester Lower Mills. The lot has a frontage on River street of about 1,200 feet, containing about 55 acres. Two-thirds of the property is woodland; one-third is improved land in a high state of cultivation.

At the time of purchase the buildings belonging to the estate included a 2½ story house with a 2-story ell, a double cottage house, a stable and outbuildings.

There have since been erected a power house, 2 ward buildings, a day camp, a domestic and administration building, a cottage ward building for men and a cottage ward building for women.

ELECTION DEPARTMENT.

29 Voting booths made of corrugated steel, built in 1897 and 1898, 9 of which are stored on lot on D street, South Boston; 9 on lot on Ritchie street, Roxbury; 6 on Fire Department lot at Saratoga and Byron streets, East Boston; 1 on city lot at Vine Street Church; 1 at South Street Yard, Jamaica Plain; and 3 on various leased lots.

49 Wooden voting booths built in 1898, 1901, 1903 and 1905 as permanent structures, 19 of which are stored on lot at D street; 18 on lot at Ritchie street; 1 in schoolyard at Tileston street, Dorchester; 1 at Reservoir lot, East Boston, and 10 on various leased lots.

33 Wooden booths, known as "knock-down" booths, 1 of which is located in Adams schoolyard, Dorchester; the remainder on various leased lots.

To each booth belong railings and voting compartments, tables, chairs, stove and other necessary furnishings and voting paraphernalia. The department now owns 2,280 chairs, 750 tables, 530 voting compartments and 1,090 wooden horses for the same, 250 stools for ballot boxes, 198 counting boards, 112 stoves, 1,370 leatheroid boxes, canvas envelopes, and the required lamps, coal hods, shovels, pokers, coal barrels and other minor equipments for voting booths, also voting compartments received from Hyde Park.

185 Federal ballot boxes, used at elections.

25 United States ballot boxes used at primaries and elections and as extras.

25 Standard ballot boxes, formerly used at caucuses and now used as "extras" at primaries and elections.

29 Acme ballot boxes, as "extra."

9 Gravity ballot boxes.

4 Improved Federal ballot boxes.

3 Hub ballot boxes.

1 Perfection ballot box.

1 Ideal ballot box from Hyde Park.

2 Dean ballot machines.

214 of the above ballot boxes are kept at 100 Summer street, the remainder at the storehouse in South Boston, where are also 241 old ballot boxes not answering the present requirements of the law, but placed at each polling place at elections for temporary use in case of emergency, also 108 old revolving ballot boxes.

Office furniture at 100 Summer street, used in the offices of the department, consisting of 9 roll-top desks, 8 swivel chairs for same, and 29 smaller swivel chairs, 2 library tables and 8 oak arm chairs, 2 atlas cases, 5 card index cabinets, 2 roll front document cases, bookcases and books, 3 coat racks, 4 long tables, 3 counters, 2 office settees, 1 typewriting table, 1 table desk, 7 small tables, 4 clocks, 2 typewriting machines, 1 adding machine, stationery and required minor furnishings and fixtures for office purposes, 1 metal frame rack at vault, 88 Summer street, 1 card index at South Boston storehouse.

FIRE DEPARTMENT.

The following property is in charge of the Fire Commissioner:

ENGINE HOUSES.

	LOCATION.	No. of feet in lot.	Remarks.
No. 1.....	Dorchester street.....	8,167	Municipal Court, Wardroom 15, in this building.
2.....	O and Fourth streets.....	4,000	
3.....	Bristol st. and Harrison ave..	4,000	Ladder 3 in this building.
4.....	Bulfinch street.....	6,098	Chemical Engine 1, Lancers' Armory and water tower in this building.
5.....	Marion street.....	1,647	
6.....	Leverett street.....	2,269	
7.....	East street.....	1,893	
8.....	Salem street.....	2,568	
9.....	Paris street.....	4,720	Ladder 2 in this building.
10.....	River street.....	1,886	
11.....	Saratoga and Byron streets..	10,000	Ladder 21 in this building.
12.....	Dudley street.....	7,320	
13.....	Cabot street.....	4,832	
14.....	Centre street.....	5,713	
15.....	Dorchester ave., So. Boston..	2,803	
16.....	River street, Dorchester....	12,736	Ladder 6 in this building.
17.....	Meeting House Hill.....	9,450	Ladder House 7 on this lot.
18.....	Harvard st., Dorchester....	9,440	
19.....	Norfolk st., ".....	7,683	
20.....	Walnut st., ".....	9,000	Ladder 27 in this building.
21.....	Columbia road, ".....	10,341	
22.....	Warren avenue.....	7,500	Ladder 13 in this building.
23.....	Northampton street.....	3,445	
24.....	Warren and Quincy streets..	4,186	
25.....	Fort Hill square.....	4,175	Ladders 8 and 14 in this building.
26-35..	Mason street.....	5,623	
27.....	Elm street, Charlestown....	2,600	
28.....	Centre street, W. Roxbury..	10,377	Ladder 10 in this building.
29.....	Chestnut Hill avenue.....	14,358	Ladder 11 in this building.
30.....	Centre street, W. Roxbury..	12,251	Ladder 25 in this building.
32.....	Bunker Hill street.....	8,188	
33.....	Boylston and Hereford sts....	5,646	Ladder 15 in this building.
34.....	Western avenue.....	4,637	
36.....	Monument street.....	5,668	Ladder 22 in this building.
37.....	Longwood and Brookline avenues.....	5,231	Ladder 26 in this building.
38-39..	Congress st., South Boston..	4,000	
40.....	Sumner street, East Boston..	4,010	
41.....	Harvard avenue, Brighton..	6,112	Chemical Engine 6 in this b'ld'g.
42.....	Washington street, Egleston square.....	3,848	Chemical Engine 5 in this b'ld'g.
43.....	Andrew square.....	5,133	Ladder 20 in this building.
45.....	In Ladder House 16.....		
46.....	Dorchester ave., Ashmont....	4,875	
48.....	Corner of Harvard avenue and Winthrop street, Hyde Park.....	9,450	Ladder 28 and Chemical 14 in this building.
CHEMICAL ENGINE HOUSES.			
2.....	Church street.....	3,412	
3.....	Winthrop st., Charlestown....	5,230	
4.....	Shawmut avenue.....	889	
7.....	Saratoga street.....	9,300	
8.....	B street.....	1,800	
10.....	Eustis street.....	1,790	
11.....	Corner Callender and Lyons streets.....	7,200	
13*.....	Corner Walk Hill and Wen- ham streets.....	11,253	
HOSE HOUSE.			
Corner of Sprague and Mil- ton streets, Hyde Park, on land owned by the New York, New Haven & Hart- ford Railroad.			

* Auto Chemical.

HOOK AND LADDER HOUSES.

	LOCATION.	No. of feet in lot.	Remarks.
No. 1.....	Friend street.....	1,676	
2.....	Paris street.....		See Engine House 9.
3.....	Harrison avenue.....		See Engine House 3.
4.....	Dudley street.....	3,923	
5.....	Fourth street.....		On Engine House 1 lot.
6.....	River street, Dorchester.....		See Engine House 16.
7.....	Meeting House Hill.....		See Engine House 17.
8-14.....	Fort Hill square.....		See Engine House 25.
9.....	Main street.....	4,290	Chemical 9 in this building.
10.....	Centre st., West Roxbury.....		See Engine House 28.
11.....	Chestnut Hill avenue.....		See Engine House 29.
12.....	Tremont street.....	4,311	Chemical 12 in this building.
13.....	Warren avenue.....		See Engine House 22.
15.....	Boylston, cor. Hereford st.....		Engine 33 in this building.
16.....	Roslindale.....	14,729	Engine 45 in this building.
17.....	Harrison avenue.....	2,134	
18.....	Pittsburg street.....	8,964	
19.....	Fourth street.....	3,101	
23.....	Washington st., Dorchester.....	6,875	
24.....	North Grove street.....	3,918	

MISCELLANEOUS.

	LOCATION.	No. of feet in lot.	Remarks.
Fire Dept. Headquarters....	Bristol street.....	23,679	Tower 2 in this building.
Fuel House.....	Salem street.....	417	
Fuel House.....	Main street.....	2,430	Upper floor leased to Post 149, G. A. R.
Fuel House.....	Dorchester street.....	1,610	
Fuel House.....	Washington street.....	1,007	
Fuel House.....	Soley st., Charles- town.....	2,230	

Veterinary Hospital, Atkinson street, 64,442 feet of land.

Eleven thousand nine hundred fifty feet of land and part of building adjoining the South Ferry, East Boston, quarters of Engine Company No. 47.

STEAM FIRE ENGINES.—Forty-five in service, located as follows: 12 in city proper, 4 in East Boston, 6 in South Boston, 5 in Roxbury, 7 in Dorchester, 3 in Charlestown, 4 in West Roxbury, 3 in Brighton, and 1 in Hyde Park.

FIREBOATS.—Three in service, located at Central Wharf, South Ferry, East Boston, and 521 Commercial street.

HORSE HOSE WAGONS.—Forty-five in service, located as follows: 12 in city proper, 3 in East Boston, 6 in South Boston, 5 in Roxbury, 7 in Dorchester, 3 in Charlestown, 4 in West Roxbury, 3 in Brighton, and 2 in Hyde Park. Also 1 auto hose wagon in East Boston.

HOOK AND LADDER CARRIAGES.—Twenty-eight in service, including 5 extension ladder trucks, located as follows: 8 in city proper, 2 in East Boston, 3 in Roxbury, 4 in South Boston, 4 in Dorchester, 2 in Charlestown, 3 in West Roxbury, 1 in Brighton, and 1 in Hyde Park.

CHEMICAL ENGINES.—Fourteen in service, located as follows: 3 in city proper, 1 in East Boston, 2 in Charlestown, 1 in South Boston, 2 in Roxbury, 2 in West Roxbury, 1 in Brighton, 1 in Dorchester, and 1 in Hyde Park.

WATER TOWERS.—Three in service, 2 located in city proper and 1 in South Boston.

PORTABLE EXTINGUISHERS.—Carried on ladder trucks, hose wagons, chemical engines and water towers, and located in the department houses.

HORSES.—Four hundred and fifteen.

FUEL WAGONS.—Forty, each capable of conveying about two tons.

WAGONS.—Eighteen for chief of department and district chiefs (15 in service and 3 in reserve).

PUMPS.—Forty-eight; 39 for carrying hose, 3 for jobbing, 3 for salt-ing hydrants and 3 for Fire-alarm Service.

FIVE AUTOMOBILES.

FIRE LADDERS.—Four hundred ten of different sizes.

HOSE.—One hundred and nineteen thousand eight hundred and twenty-nine feet of leading and 1,713 feet of suction.

SPARE APPARATUS.—Seven steam fire engines, 5 hose wagons, 6 hook and ladder carriages, 4 chemical engines.

REPAIR SHOP.—In the repair shop, one 25 horse power steam engine cylinder, 9 by 31 inches, Putnam Machine Company; one 26-inch by 26-inch iron planer, 8-foot table, 12-foot bed; one buzz planer; one board planer; one mortising machine; one 14-inch swing engine lathe, 6-foot bed; one 14-inch swing engine lathe, 10-foot bed; one power hammer, one No. 2 upright drill, five blacksmiths' forges, one furnace for heating tircs, one 28-inch swing standard engine lathe, one 14-inch speed lathe, 10-foot bed; two 25-inch shaping machines, one sewing machine, one hose expander machine, one upsetting machine, one 72-inch radial drill, two Blake pumps for feeding boilers, one Knowles triplex pump for testing hose, 1 band saw, one circular saw, one grinder, one bolt cutter, one combination tool, shears and punch, together with numerous smaller tools and appliances, and also tools for repairing hose and harness.

Three upright tubular boilers, 100 horse power.

Two dynamos for lighting and fire alarm, one tire upsetter.

One 15 horse power electric motor.

FIRE-ALARM SERVICE.

Telegraphic fire alarm plant, the estimated value of which is \$190,000.

PUBLIC CLOCKS.

City Proper.—Court House, Christ Church, Salem street, Odd Fellows' Hall, Tremont street, Old South Church, Old State House, Suffolk County Jail, St. Stephen's Church, Hanover street, Tremont Street M. E. Church, Young Men's Christian Union Building.

South Boston.—Gaston Schoolhouse, Lincoln Schoolhouse, Phillips Church, St. Augustine's Church, and one, formerly on Ticknor Schoolhouse, stored by School Department.

East Boston.—London Street Church, Lyceum Hall, Trinity Church and Orient Heights Church.

Roxbury.—Winthrop Street Church, Boston Elevated Railroad house, Columbus avenue; Roxbury High Schoolhouse.

Dorchester.—Tileston Schoolhouse, Baker Memorial Church, Upham's Corner.

Charlestown.—City Hall.

Brighton.—Bennett Schoolhouse.

Jamaica Plain.—Unitarian Church.

Roslindale.—Congregational Church.

West Roxbury.—South Evangelical Church.

FURNITURE.

In the various offices in City Hall, courthouses, and all the other public buildings; in the schoolhouses owned by the city and in several rooms hired for school and other purposes.

HEALTH DEPARTMENT.

The following property is in charge of the Board of Health:

In office of City Physician, books and surgical instruments.

GALLOP'S ISLAND, containing about sixteen acres, was purchased in 1860 for \$6,600, used as a Quarantine Station, on which are a dwelling

house, barn, coal shed, two hospitals, dining hall, two buildings for the reception and care of immigrants, a bath house, a disinfecting plant, electric light plant, and four small buildings, formerly used as polling booths, but now placed on the island for use as hospitals, steamboat wharf, storehouse and other buildings for live stock, farming utensils, merchandise, provisions, tools, etc., for carrying on the Quarantine Station.

SMALLPOX HOSPITAL, Southampton street, two buildings erected in 1893. Five small buildings formerly used as polling booths. The contents of the lot are about 52,660 square feet.

STEAMBOATS.—“Vigilant,” 73½ tons burden, 95 feet in length, 17 feet beam, and 8 feet deep, built in Boston in 1886. Cost of boat and furniture, \$18,000. Employed in quarantine service. “Relief,” costing \$3,800; purchased for the quarantine service in 1904.

The department has 2 horses, 2 carriages, 2 ambulances, 4 automobiles.

CONVENIENCES.

Boston Common.—Two houses. Men and Women.

Boston Common, near Park street.—Underground stations for Men and Women.

Public Garden.—Women only.

Four others are maintained by the department in different parts of the city.

HOSPITAL DEPARTMENT.

The following property is in charge of the Trustees of the Boston City Hospital:

The land bounded by Harrison avenue, East Concord street, Albany street and Massachusetts avenue. The lot consists of 430,963 square feet. Also land bounded by Harrison avenue, Massachusetts avenue, Albany street and Northampton street, containing 145,555 square feet. On the first lot is the Boston City Hospital proper, which consists of a group of twenty-four buildings. On the second lot mentioned is situated the South Department for infectious diseases, which consists of a group of eight buildings.

The Trustees also have charge of a plot of land containing about 69,785 square feet, on the east side of Albany street, in the rear of the hospital. On this lot are situated the ambulance stable, boiler house, dynamo station, coal pocket and storage house.

The Convalescent Home is situated on 610,500 square feet of land, at No. 2150 Dorchester avenue, near the Dorchester Lower Mills. On this property is a three-story house, with a two-story ell, with accommodations for thirty-four patients and eight employees. There are also a barn and stable, shed and recreation house for patients. About one-half of this property is highly improved and one-half woodland and pasture.

The Haymarket Square Relief Station lot contains 12,039 square feet of land, on which is a three-story brick building with two one-story ells.

The East Boston Relief Station is situated on 7,500 feet of land, at No. 14 Porter street, East Boston. On this land is a three-story brick hospital and a two-story brick ambulance stable.

The total amount of land in this department is 1,276,342 square feet or 29³/₁₀ acres. The number of buildings is forty-four.

Ten ambulances, 2 auto ambulances, 8 horses. Rockaway, wagonette, 2 buggies, 2 wagons.

CHILDREN'S INSTITUTIONS DEPARTMENT.

PARENTAL SCHOOL.—The Bolles estate, situated on Spring street, West Roxbury, consisting of about twenty-eight acres of land, dwelling house, farmer's house, stable, ice house, boathouse, sheds, etc., was purchased in August, 1892, at a cost of \$30,000, for a Parental School. There have been erected on this place a kitchen and laundry house, two temporary school buildings, three dormitories and a hospital. In 1901 additional land to amount of 778,448 square feet was purchased at a cost of \$35,262.27.

Three new cottages have been erected. A new school building, containing eight class rooms and a hall, has been erected and occupied since September, 1910. Four horses, 1 carriage, 1 express wagon and 2 carts.

RAINSFORD ISLAND (with the buildings thereon), purchased in 1871 of the Commonwealth at a cost of \$40,000, containing eleven acres. The buildings are occupied by the Suffolk School for Boys. Two horses, 5 cows, 1 wagon, 1 passenger bus and 1 jigger.

BOSTON INFIRMARY DEPARTMENT.

ALMSHOUSE, Alford street, Charlestown. With the exception of the garden lot of about 73,000 feet, this property was sold to the Boston Elevated Railway Company during the year 1911, and is about to be abandoned.

LONG ISLAND.—The department controls about 167 acres. A building accommodating 350 persons was erected on this island in the years 1886 and 1887, and is now occupied by male paupers. A building for about 250 female paupers, a hospital with 250 beds, a chapel seating 800, a power house about 116 feet long by 40 feet wide and two stories high (including laundry and bakery), a house for the superintendent, a hospital for consumptives, with fifty-one beds, a home for nurses, a tie-up for cattle and a mortuary have since been erected. There are also a large barn, ice house, piggery and other farm buildings and a reservoir with capacity of 1,000,000 gallons. Seven horses, 2 cows, 3 young stock, 133 pigs, 100 fowl, ambulance, 3 busses, phaeton, wagon, jigger, caravan, 3 carts and the necessary farm implements.

STEAMER "GEORGE A. HIBBARD." This boat is 65 tons (gross) burden, 80 feet long, 17 feet beam, 7 feet draft, and was built in 1910 at a cost of \$37,500, and went into commission on December 9 of that year. Her berth is at Long Island, where, being fully equipped for fire service, she could be called on at short notice should a fire occur on any of the harbor islands, as well as for service in the department.

INSTITUTIONS REGISTRATION DEPARTMENT.

Three horses, ambulance, carriage, harnesses, etc.

PENAL INSTITUTIONS DEPARTMENT.

HOUSE OF CORRECTION, DEER ISLAND, containing about 100 acres of upland, about fifty acres of flats, on which are the large brick prison buildings, prison building for women, hospital, heat and power plant, workshops, piggery, 16 horses, 34 cattle, 450 pigs, and 21 wagons and carriages.

STEAMER "MONITOR."—This steamer is 414 tons (gross) burden, 155 feet 4 inches length over all, 148 feet length forward side of stem to after side of rudder post, 28 feet beam over plank, 45 feet 10 inches beam over guards, 9 feet 3 inches depth of hold, 5 feet 7 inches draft, normal. She was built in East Boston in 1904.

This boat is used for conveying prisoners, passengers, provisions, etc., to and from the city to the Deer, Rainsford and Long Island Institutions.

EASTERN AVENUE WHARF, including office, freight and cell buildings, used as dock for steamer "Monitor."

ISLANDS.

APPLE ISLAND, containing nine and one-half acres, purchased in 1867 for \$3,750.

DEER ISLAND.—City owns about 100 acres of upland and about fifty acres of flats.

GALLOP'S ISLAND, containing about sixteen acres, was purchased in 1860 for \$6,600.

GREAT BREWSTER ISLAND, in the town of Hull, containing about sixteen acres, purchased in 1848 for \$4,000.

LONG ISLAND, taken by an order of the City Council, approved January 3, 1885, containing about 182 acres.

RAINSFORD ISLAND (with buildings thereon), purchased in 1871 of the Commonwealth at a cost of \$40,000, containing eleven acres.

See property in charge of Penal Institutions Commissioner, Board of Health and Street Commissioners.

LAND AND BUILDINGS.

In charge of the Board of Street Commissioners:

CHARLESTOWN:	Sq. ft.
Rutherford avenue, land on northeast side, occupied by city departments	29,445

SOUTH BOSTON:

Gold street, land on southwest side, between A street and the New England Railroad	1,100
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DORCHESTER:

Gibson street, land on north side	78,770
38,680 square feet rented to Sewer Service, Public Works Department, at \$400 a year.	
30,090 square feet rented to Water Service, Public Works Department, at \$300 a year.	
King's mill pond, so called, being that part of the bed of Tenean creek, or Smelt brook, between Mill, Exchange, Park and Adams streets and Neponset avenue, about	470,386
Southern avenue, land on south side, between Bernard street and Elmhurst street	4,335

WEST ROXBURY:

Moreland street, land	30,421
Morton street, purchased by the town of West Roxbury in 1870, ...	17,031

BRIGHTON:

Cambridge, Lincoln and Mansfield streets, land, about	13,948
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ISLANDS, ETC.:

Great Brewster Island, Boston Harbor, about sixteen acres.	
Apple Island, Boston Harbor, about nine and one-half acres.	
Blue Hill avenue and Brook road, Milton	30,025
Brush Hill road and Brook road, Milton, leased by the town of Dorchester for 999 years	60,945

LIBRARY DEPARTMENT.

In the Public Library on Dartmouth street, and its branches in East Boston, South Boston, Roxbury, Dorchester, Charlestown, Brighton, Jamaica Plain, Hyde Park, West Roxbury, Upham's Corner, South End and West End districts there were 1,006,717 bound volumes January 31, 1912, besides manuscripts, statuary and paintings. The collection of photographs of works of art and process pictures numbers at present 32,532.

MAYOR.

One automobile.

OVERSEEING OF THE POOR DEPARTMENT.

In charge of the Board of Overseers of the Poor:

CHARITY BUILDING, located at the corner of Chardon and Hawkins streets, is occupied by the Overseers of the Poor, the Soldiers' Relief Department and the following charitable societies: Boston Provident

Association, Industrial Aid Society, German Aid Society, Ladies' Co-operative Visiting Society, the Associated Charities, the Federation of Jewish Charities, Boston Children's Aid Society, St. Vincent de Paul Society and the Massachusetts Infant Asylum. A physician of the Board of Health also occupies a room in this building.

TEMPORARY HOME FOR THE DESTITUTE is located at the corner of Chardon and Bowker streets. This building and the one above mentioned were erected on a lot the contents of which are 19,962 square feet.

LODGE FOR WAYFARERS, in the Old Mayhew School building, No. 30 Hawkins street, lot containing 9,625 square feet.

PARK DEPARTMENT.

ARNOLD ARBORETUM.—Sanitary building, stone crusher, tools and supplies.

CHARLESBANK.—Men's and women's locker buildings, gymnastic apparatus, three drinking fountains, tools and supplies.

CHESTNUT HILL PARK.—Keeper's lodge, tool house, drinking fountain, tools and supplies.

COMMONWEALTH AVENUE.—Underground tool house, two drinking fountains, tools and supplies.

COTTAGE STREET PLAYGROUND.—Shelter building and sanitary building.

DORCHESTER PARK.—Shelter, temporary sanitary buildings, three drinking fountains, swings and tilts.

FENS.—Gatehouses, sanitary and tool house, one memorial fountain, tools and supplies.

FRANKLIN FIELD.—Locker building and grandstand, shepherd's lodge and sheepfold, flagpole, six drinking fountains, tools and supplies.

FRANKLIN PARK.—Overlook shelter, refectory, carriage shelter, carriage shed, sanitary buildings, golf house, tennis house, superintendent's house, duck house, office building, stable, sawmill, machine shop, carpenter shop, paint shop, harness shop, blacksmith shop, storehouses, oil house, bear cages, flying cage and nine drinking fountains. Twenty-five horses are kept at this park, besides steam and horse rollers, single and double carts, water carts, wagons, automobiles, power and hand sprayers, plan cases, drawing tables, drawing and surveying instruments, plans, machinery, implements, tools and supplies.

MARINE PARK.—Refectory, aquarium, pier and bath houses, four drinking fountains, tools and supplies; sanitariums on Castle Island.

NORTH BRIGHTON PLAYGROUND.—Sanitary and locker building, one drinking fountain.

NORTH END PARK.—Sanitary and laundry building, piers and bath houses.

OLMSTED PARK.—Park Department office and sanitary building, horse shed, one ornamental fountain, three drinking fountains, flagpole, office furniture.

RIVERWAY.—Gatehouse, shelter, office and sanitary building, stable and sheds. Fourteen horses are kept at this yard, besides single and double carts, water carts, wagons, tools and supplies.

STRANDWAY.—Sanitary and locker building, public landing, shelter, swings, tilts, drinking fountains, stable, store shed, 3 horses, water carts, wagons, tools and supplies.

WEST ROXBURY PARKWAY.—Keeper's lodge and barn, ice tools and benches.

WOOD ISLAND PARK.—Locker building, sanitary and tool house, shelter, bath houses, flagpole, gymnastic apparatus, tools and supplies.

ASHMONT PLAYGROUND.—Sanitary building and drinking fountain.

BILLINGS FIELD.—Sanitary building, old police station, drinking fountain, tools and supplies.

CHARLESTOWN HEIGHTS.—Shelter and sanitary building, tools and supplies.

CHARLESTOWN PLAYGROUND.—Sanitary building, handball court and outdoor gymnasium, drinking fountain.

CHRISTOPHER GIBSON PLAYGROUND.—Locker building, swings, drinking fountain and tilts.

COLUMBIA ROAD.—Refreshment booth, two drinking fountains.

COLUMBUS AVENUE PLAYGROUND.—Sanitary and locker building, one drinking fountain, shelter, swings and tilts.

COMMONWEALTH PLAYGROUND.—Sanitary building and one drinking fountain.

FELLOWS STREET PLAYGROUND.—Shelter, handball court, one drinking fountain, flagpole, swings and tilts.

FIRST STREET PLAYGROUND.—Locker building and outdoor gymnasium.

FOREST HILLS PLAYGROUND.—Temporary sanitary building, drinking fountain.

MARCELLA STREET PLAYGROUND.—Locker building, one drinking fountain, keeper's lodge.

MYSTIC PLAYGROUND.—Sanitary building, shelter, swings and tilts.

NEPONSET PLAYGROUND.—Sanitary and tool house, one drinking fountain, swings and tilts.

RANDOLPH STREET PLAYGROUND.—Locker, play and sanitary building, shelter, swings, tilts and merry-go-round, two drinking fountains.

ROSLINDALE PLAYGROUND.—Sanitary building and shelter, drinking fountain.

SAVIN HILL PLAYGROUND.—Three bath houses, shelter, two drinking fountains.

WEST FIFTH STREET PLAYGROUND.—Shelter and sanitary building, swings and tilts.

WEST THIRD STREET PLAYGROUND.—Shelter and sanitary building, swings and tilts.

WILLIAM EUSTIS PLAYGROUND.—Sanitary building and one drinking fountain.

PARK STATISTICS TO JANUARY 31, 1912.

PARKS.	Year Acquired.	COST TO DATE.			Area.	Length of Drive- ways.	Length of Walks.	Length of Rides.	Area of Ponds and Rivers.	
		Land.	Construction.	Total.						
MAIN PARK SYSTEM: Commonwealth ave. Fens * Riverway. † Olmsted Park. Arboretum. Arnold Arboretum. West Roxbury Parkway. Franklin Park and Zoolog- ical Garden.	1894 & 1905.	.....	\$139,559 62	\$139,559 62	112.7 acres	12.1 miles	11.9 miles	1.1 miles	22 acres	
	1879.....	\$596,254 49	2,158,879 25	2,755,133 74	115 "	4.0 "	6.7 "	1.2 "	8 "	
	1890.....	457,457 53	674,296 32	1,131,753 85	40 "	1.4 "	2.8 "	1.6 "	77 "	
	1890 & 1892.	1,081,947 60	734,373 59	1,816,321 19	180 "	2.7 "	3.2 "	1.4 "		
	1892.....	245,584 25	381,793 81	627,378 06	36 "	3.4 "	5.8 "	1.4 "		
	1882 & 1895.	79,354 15	388,372 84	467,726 99	223 "	3.4 "	5.65 "	.....	0.6 acre	
	1894.....	135,265 29	22,123 21	157,388 50	150 "	2.8 "	4.3 "	2.4 "		
	1883 & 1884.	1,551,896 63	2,470,214 80	4,022,111 43	527 "	7.3 "	14.9 "	1.0 mile	7.4 acres	
	MARINE PARK SYSTEM: Columbia road. Dorchesterway. Strandway Marine Park and Aquarium, † Castle Island. † Governor's Island. WOOD ISLAND PARK. CHARLESPARK. ** TRINITY TRIANGLE. CHARLESTOWN HEIGHTS. CHARLESTOWN P L A Y- GROUND. DORCHESTER PARK. FRANKLIN FIELD. NORTH END BEACH. COPP'S HILL TERRACES.	1899.....	447,528 63	540,511 93	988,040 56	102.5 " land 194 " flats	4.2 "	4.5 "		
		1892.....	63,735 54	65,187 12	128,922 66					
{ 1890, 1892, 1897 and 1901		772,515 12	405,818 82	1,178,333 94						
1883.....		232,972 57	1,115,482 49	1,348,455 06	52.5 " land 4.9 " flats 25.7 " land 78.3 " flats	0.5 mile	1.3 "	.....	3.4 "	
1890.....			38,185 55	38,185 55						
1911.....		.....	3,270 57	3,270 57	73.0 " land 55.6 " flats 155.4 " land	0.3 "	2.1 "	1.5 "		
1882 & 1891.		132,800 00	259,773 53	392,573 53	10 " land					
1883.....		373,916 99	337,968 97	711,885 96	0.12 acre		0.4 mile			
1885.....		30,000 00		30,000 00	6.1 acres land 4.3 " flats 14 " land 4 " flats			0.6 "		
1891.....		50,538 02	103,110 46	153,648 48						
1891.....	172,923 31	31,770 70	204,694 01		.....					
1891 & 1903.	64,165 37	13,561 18	77,726 55	26 " land 77 " flats	.....					
1892.....	157,341 22	173,901 93	331,243 15		.65 "		.35 "			
1893.....	328,364 44	169,262 27	497,626 71	3.7 " land 3 " flats						
1893.....	90,858 19	32,001 46	122,859 65	0.6 acre	.....		0.11 "			

	1898, 1899 (and 1902)	210,239 06	6,940 60	217,179 66	55.4 acres	1.4 miles	66.51 miles	8.7 miles	118.4 acres
§ CHESTNUT HILL PARK.....									
NORTH BRIGHTON PLAY- GROUND.....	1894.....	22,107 12	30,802 77	52,909 89	14 "				
NEPONSET PLAYGROUND.....	1896.....	24,804 39	25,754 32	50,558 71	18 "				
|| BILLINGS FIELD.....	1897.....	23,367 53	23,367 53	70,436 51	11 "				
|| FIRST STREET PLAYGROUND, 1 FREEPORT STREET TRI- ANGLE.....	1897.....	47,068 98	30,117 41	30,417 41	4.6 "	0.4 "			
PRINCE STREET PLAY- GROUND.....	1897, 1899 (and 1901)	4,000 00		4,000 00	0.14 acre				
MYSTIC PLAYGROUND.....	1897.....	180,474 70	3,434 07	183,908 77	0.4 "				
2 FELLOWS STREET PLAY- GROUND.....	1897.....	50,125 00	8,296 76	58,421 76	2.3 acres				
CHRISTOPHER GIBSON PLAY- GROUND.....	1897.....	14,503 72	7,032 64	21,536 36	0.85 acre				
COLGURN'S AVENUE PLAY- GROUND.....	1897.....	37,709 58	10,042 75	47,752 33	5.8 acres				
ASHMONT PLAYGROUND.....	1899, 1900 (and 1902)	327,503 84	35,402 81	362,906 65	5 "				
SAVIN HILL PLAYGROUND.....	1899.....	43,990 09	8,000 00	51,990 09	2.2 "				
ROSLINDALE PLAYGROUND.....	1899.....	27,147 30	11,138 36	38,285 66	6.9 "	land			
FOREST HILLS PLAYGROUND, 3 ROGERS PARK.....	1902.....	24,825 11	13,493 78	38,318 89	11.7 "	flats			
4 BEENERS SQUARE.....	1899.....	25,166 75	350 00	25,516 75	3.7 "				
5 OAK SQUARE.....	1901.....	30,000 00	4,631 70	34,631 70	9.6 "				
6 CAMBRIDGE, LINCOLN AND MANSHFIELD STREETS.....	1902.....		294 70	294 70	6.9 "				
			682 34	682 34	1.2 "				
					0.22 acre				
Carried forward.....					0.32 "				
		\$8,135,084 98	\$10,479,502 96	\$18,614,587 94	2,434.65 acres	44.15 miles	66.51 miles	8.7 miles	118.4 acres

* An additional area of 16½ acres is within the limits of the town of Brookline.

† An additional area of 18 acres is within the limits of the town of Brookline.

‡ Custody given to city by Act of Congress.

§ In charge of Public Grounds Department.

|| 49 acres transferred from Water Department; an additional area of 160.65 acres, including water area of 122.70 acres, is under the control of the Metropolitan Water and Sewerage Board.

¶ 1,628 square feet of land and building transferred from Police Department.

‡ 7 transferred from, and \$484.15 expended by, the Public Grounds Department.

§ Transferred to Street Department.

|| 23,470 square feet transferred from, and \$2,000 expended by, the Public Grounds Department.

‡ Transferred from, and \$30,000 expended for land by, the Public Grounds Department.

§ Originally dedicated for a square by David Sears, and released to the city by his heirs.

¶ Transferred from School Department.

‡ Transferred from Street Commissioners.

PARK STATISTICS TO JANUARY 31, 1912.—*Concluded.*

PARKS.	Year Acquired.	Cost to DATE.			Area.	Length of Drive- ways.	Length of Walks.	Length of Rides.	Area of Ponds and Rivers.
		Land.	Construction.	Total.					
<i>Brought forward.</i>									
COTTAGE STREET PLAY- GROUND.....	1902	\$8,135,084 98	\$10,479,502 96	\$18,614,587 94	2,434.65 acres	44.15 miles	66.51 miles	8.7 miles	118.4 acres.
MARCELLA STREET PLAY- GROUND.....	1903, 1905.	47,002 32	7,997 68	55,000 00	3.85 acres				
RANDOLPH STREET PLAY- GROUND.....	1903.		32,392 48	32,392 48	5.1 "				
COMMONWEALTH PLAY- GROUND.....	1905.	256,440 63	27,302 32	283,742 95	2.8 "				
SAVIN HILL PARK.....	1909.		7,909 55	7,909 55	8.07 "				
ORIENT HEIGHTS.....	1909.	31,925 55	6,953 97	38,879 52	8.26 "				
WEST THIRD STREET PLAY- GROUND.....	1909.	10,015 00	10,234 83	20,249 83	8.31 "				
WEST FIFTH STREET PLAY- GROUND.....	1909.	10,201 30	2,620 42	12,821 72	0.28 acre				
WILLIAM EVSTIS PLAY- GROUND.....	1909.	10,201 30	3,004 65	13,205 95	0.41 "				
JOHN WINTHROP PLAY- GROUND.....	1911.	68,187 06	24,477 49	92,664 55	4.88 acres				
2 FACTORY HILL PLAYGROUND, PLAYGROUNDS, INVESTIGATING SITES.....	1912.	20,994 26	21 63	21,015 89	1.56 "				
		295 29		295 29	5.20 "				
General account.									
Park nursery.....		\$8,590,347 69	\$10,602,417 98	\$19,192,765 67					
Betterment expenses.....			73,987 50	73,987 50					
			29,947 07	29,947 07					
			13,356 10	13,356 10					
		\$8,590,347 69	\$10,719,708 65	\$19,310,056 34	2,483.37 acres	44.15 miles	66.51 miles	8.7 miles	118.4 acres

¹ Custody given to the city by Statute 1891, chapter 421.² Acquired with the annexation of Hyde Park.

Of the above total lengths of driveways, walks and rides, there have been completed to date, respectively, 40.8 miles, 59.2 miles and 6.3 miles.

POLICE DEPARTMENT.

The following property is in charge of and kept for the use of this department:

POLICE STATION HOUSES.

	LOCATION.	No. of feet in lot.	Remarks.
No. 1.....	Hanover street.....	6,188	Rebuilt, 1870. Additions to and rebuilding, 1890.
2.....	Court square.....	2,029	
3.....	Joy street.....	6,100	
4.....	La Grange street.....	5,150	
5.....	East Dedham street.....	3,303	Addition built in 1884.
6.....	West Broadway.....	4,253	Enlarged and rebuilt, 1879.
7.....	Meridian street.....	3,773	
8.....	Commercial street.....	5,323	Harbor Police station.
9.....	Dudley street.....	6,797	
10.....	Columbus avenue.....	6,380	
11.....	Adams st., Dorchester Dist.	7,500	Courtroom and branch of Public Library in this building.
Sub-station...	Morton street.....	12,693	
Police quar- ters.....	Washington street.....	11,640	Bank building, Dorchester Branch Public Library in this building.
Sub-station...	Richmond st., Lower Mills.		
Sub-station...	Blue Hill ave., Mattapan..		
Sub-station...	Walnut street, Neponset...	1,476	
No. 12.....	East Fourth, near K street,	7,217	
13.....	Seaverns avenue.....	9,701	Municipal Court, West Roxbury District, in this building.
Sub-station...	Franklin Park.....		
Sub-station...	Washington st., Roslindale.		
Sub-station...	Corner of Centre and Hast- ings sts., West Roxbury..	9,987	
Sub-station...	Hyde Park.....	2,100	
No. 14.....	Washington street, Brigh- ton District.....		Municipal Court, Brighton Dis- trict, in this building.
15.....	Corner Harvard street and City square.....		
16.....	Boylston street, near Here- ford street.....	10,486	Old City Hall, Charlestown.

Furniture contained in 16 police stations, 15 patrol stables and the City Prison, with 3,000 police clubs, 1,500 belts, 1,493 revolvers, 1,500 badges, etc.

At the police headquarters are kept the books, papers and records of the department, and a Rogues' Gallery, containing 36,313 portraits of as many notorious criminals.

The police steamer "Guardian" and the police steam launch "Watchman," which are fully equipped for police duty, are kept constantly in active service. The police steam launches "Ferret" and "Alert" are on service from June 1 to October 15.

Seventy-nine horses and equipments, 11 police ambulances, 7 buggies, 4 repair wagons, 1 van for House of Detention, 4 police vans, 19 patrol wagons, 13 patrol pungs, 7 sleighs and 7 automobiles.

Telephones, connecting all the stations with headquarters, 37 Pemberton square.

A police signal system, comprising 464 street signal boxes and 15 receiving desks, 14 stable calls, with batteries, wires and fixtures.

POUND.

Ashley avenue, East Boston.

PRINTING DEPARTMENT.

COMPOSING ROOM.

Type, stands, cabinets, imposing stones, galley racks, proof presses, etc.

Fifteen monotype keyboards complete, seven monotype casters complete, molds, matrices, metal, paper, etc., one Curtis double-cylinder air compressor, one automatic metal furnace, seven $\frac{1}{4}$ -horse General Electric motors, one 2-horse Crocker-Wheeler motor, accessories, tools, extra parts, etc.

PRESS ROOM.

Five 2-revolution cylinder presses, size 36 by 48 inches.

One 2-revolution cylinder press, size 27 by 41 inches.

One pony cylinder, 2-revolution, size 27 by 31 inches.

Six Chandler & Price job presses, size 10 by 15 inches.

One Colt's super-royal, modern make, job press, size 14 by 22 inches.

One Seybold paper cutter, self and hand clamping, size 44 inches.

One sterling round corner cutter, with punch attachment.

Bench standing presses.

Drying racks, imposing stones, etc.

Two Jaques 12-inch card cutters.

One 3-horse, two 2-horse, one 1-horse, six $\frac{1}{4}$ -horse, Crocker-Wheeler, five 4-horse Sprague motors, rheostats, controllers, pulleys, belting, wiring, etc.

PUBLIC BUILDINGS DEPARTMENT.

Two horses, two ambulances, one automobile.

PUBLIC BUILDINGS.

BUILDINGS.	Locations.	No. of feet in lot.	Remarks.
Ambulance station.....	National street....	.....	On leased land.
Central Charity Bureau....	Chardon street....	19,962	Boiler and storehouse on lot.
City Temporary Home....	Corner Dudley and Vine sts....	11,592	Wardroom 17 in this building and Vine Street Chapel on this lot. Post 26, G. A. R., occupy chapel.
Church Building.....			
City Building.....	Norfolk and Washington sts., Dorchester,	16,800	Occupied by Branch Library and Wardroom 24.
City Building.....	Washington and Richmond sts., Dorchester....	11,640	Sub-police Station and branch of Public Library in this building.
City Hall.....	School street.....	25,915	
City Hall.....	City sq., Charles-town District..	8,246	Branch Public Library, Municipal Court, Police Station House 15 and also patrol wagon house on this lot.
Cross Street Schoolhouse..	Cross street.....	1,708	Occupied by Col. Fred B. Bogan Camp 14, L. S. W. Veterans.
Curtis Hall.....	South st., W. R.,	49,907	Partially destroyed by fire December 15, 1908; has been reconstructed as a municipal gymnasium.
Faneuil Hall and market under same.....	Faneuil Hall sq.,	8,460	
Faneuil Hall Market House and Quincy Hall over same.....	North and South Market streets,	27,400	
Library Building.....			On lot with Curtis Hall Building.

PUBLIC BUILDINGS.—*Concluded.*

BUILDINGS.	Locations.	No. of feet in lot.	Remarks.
Massachusetts Historical Society Building.....	30-32 Tremont st.	2,342	Occupied by city offices.
Morgue.....	North Grove st...	11,792	
Municipal Building, Ward 16.....	Columbia road...	13,244	Occupied as Branch Library, baths, gymnasium and wardroom.
Offal depot, wharf and dock,	Albany street....	39,511	Wardroom 2 and Post 159, G. A. R., in this building.
Old Armory Building.....	Maverick street..	4,837	
Old Franklin Schoolhouse..	Washington st...	11,471	Wardroom 9, Posts 7 and 15, G. A. R., in this building.
Old State House.....	State street.....	4,239	Leased to the Bostonian Society.
Old Winthrop Schoolhouse.....	Bunker Hill st., Charlestown...	7,927	Wardroom 3 in this building. Occupied by the city dep'ts.
Old Probate Building.....	Court square.....	2,423	
Public Library.....	Copley square....	65,684	Four buildings. Leased to Post 134, G. A. R. Unoccupied.
Public Works Department Yard.....	Hancock st., Dor., Joy street.....	109,444 1,938	
Smith Schoolhouse.....	Chauncey place....	.....	Two buildings occupied by Public Works Department. Four buildings and four sheds.
Stable and lot of land.....	Rutherford ave....	17,300	
Stables.....	Albany street....	90,780	Two buildings. Three buildings.
Stables.....	North Grove st..	33,306	
Stables.....	Highland street...	81,082	Leased to Post 200, G. A. R.
* Thomas Street Schoolhouse.....	Thomas street....	10,954	
Town Hall.....	Washington st., Brighton.....	13,431	Wardroom 25 in this building; other room leased to Post 92, G. A. R. Police stable on this lot.
† Wardroom 8.....	Blossom street....	4,021	On lot with Mather Schoolhouse.
Wardroom 19.....	Elmwood street..	5,684	
Wardroom 20.....	Meeting House Hill.....	.....	Branch Public Library in this building, and one room used for election purposes.
Wayfarers' Lodge.....	Hawkins street...	9,523	
Westerly Hall.....	Centre street, West Roxbury,	5,644	Occupied by Wire Department and electrical test rooms. Leased for \$780 a year.
West End Library.....	Cambridge street,	11,000	
No. 11 Wareham street...	Wareham street..	8,500	
Annex.....	Harrison avenue..	3,816	

Rifle range, located in Wilmington and Woburn, containing 108.3 acres; not in use.

COUNTY BUILDINGS.

BUILDINGS.	Locations.	No. of feet in lot.	Remarks.
Court House.....	Pemberton sq....	87,035	Three buildings.
Jail.....	Charles street....	130,740	
Municipal Court, Roxbury District.....	Roxbury street...	14,390	Wardroom, Ward 18, in this building.

* Transferred to Public Buildings Department from Street Commissioners June 3, 1905.

† Transferred to the Bath Department April 21, 1911.

PUBLIC GROUNDS AND CITY SQUARES.

In Charge of Superintendent of Public Grounds.

NAME.	Location.	Area.	Remarks.
CITY PROPER.			
Common.....	Park, Tremont, Boylston, Charles and Beacon sts..	* 48½ acres.	{ Partly inclosed by iron fence.
Public Garden.....	Charles, Boylston, Arlington and Beacon streets.	24½ "	{ Inclosed by iron fence.
Berwick park.....	Between Columbus ave. & N. Y., N. H. & H. R. R..	3,800 sq. ft.	{ Inclosed by granite curb.
Blackstone square.....	Washington, West Brookline, West Newton sts. and Shawmut avenue....	105,100 "	
City Hall grounds.....	School street.....	7,700 "	
Concord square.....	Between Tremont st. and Columbus avenue.....	5,000 "	
Copley square.....	Between Huntington ave., Boylston and Dartmouth streets.....	28,399 "	{ Inclosed by granite curb.
Fort Hill square.....	Oliver and High streets..	29,480 "	
Franklin square.....	Washington, East Brookline, East Newton and James streets.....	105,205 "	
Massachusetts avenue...	Between Albany street and Harrison avenue.....	9,300 "	
Massachusetts avenue...	Between Harrison ave. and Washington street.....	13,050 "	
Massachusetts avenue...	Between Washington and Tremont streets.....	74,000 "	{ Malls inclosed by iron fence.
Massachusetts avenue...	Between Tremont st. and Columbus avenue.....	10,150 "	
Park square.....	Columbus ave., Eliot and Pleasant streets.....	2,867 "	
Rutland square.....	Between Tremont st. and Columbus avenue.....	7,400 "	
Waltham square.....	Harrison avenue, opposite Union Park street.....	3,000 "	
St. Stephen square.....	Corner St. Stephen and Denmark streets.....	100 "	
Trinity triangle.....	Between Huntington ave. and Trinity pl. and St. James avenue.....	5,380 "	{ Inclosed by granite curb.
Union park.....	Between Tremont st and Shawmut avenue.....	16,000 "	{ Inclosed by iron fence.
Worcester square.....	Between Washington street and Harrison avenue....	16,000 "	
SOUTH BOSTON.			
Telegraph Hill.....	Thomas park.....	190,000 "	{ Partly inclosed by iron fence.
Independence square....	Broadway, Second, M and N,	6½ acres.	{ Inclosed by hedge.
Lincoln square.....	Emerson, Fourth and M....	9,510 sq. ft.	{ Inclosed by iron fence.
EAST BOSTON.			
Central square.....	Meridian and Border streets,	40,310 "	{ Inclosed by stone curb.
Belmont square.....	Webster, Sumner, Lamson and Seaver streets.....	30,000 "	{ Inclosed by iron fence.
Prescott square.....	Trenton, Eagle and Prescott,	12,284 "	
Putnam square.....	Putnam, White and Trenton,	11,628 "	{ Inclosed by iron fence.
Maverick square.....	Sumner and Maverick sts.		
ROXBURY.			
Madison square.....	Sterling, Marble, Warwick and Westminster streets..	122,191 "	
Orchard park.....	Chadwick, Orchard Park and Yeoman streets.....	104,492 "	
Washington park.....	Dale and Bainbridge streets,	396,125 "	
Longwood park.....	Park and Austin streets...	21,000 "	
Public ground.....	Corner Blue Hill ave. and Seaver street.....	2,500 "	
Walnut park.....	Between Washington street and Walnut avenue.....	5,736 "	

* Exclusive of cemetery, containing one and a quarter acres.

PUBLIC GROUNDS AND CITY SQUARES.—*Continued.*

NAME.	Location.	Area.	Remarks.
Lewis park.....	Highland street and Highland avenue.....	5,600 sq. ft.	Three inclosures.
Bromley park.....	From Albert to Bickford st.	20,975 "	
Fountain square.....	Walnut ave., from Munroe to Townsend street.....	116,000 "	
Cedar square.....	Cedar st., between Juniper and Thornton streets.....	26,163 "	Inclosed by stone curb.
Linwood park.....	Centre and Linwood streets.	3,625 "	
Public ground.....	Centre and Perkins streets.	3,200 "	
Public ground.....	Warren, St. James and Regent streets.....	1,380 "	{ Inclosed by granite curb. Partly occupied by Roxbury standpipe.
Highland park.....	Fort avenue.....	114,065 "	
Public ground.....	Junction of Huntington avenue, Tremont and Francis streets.....	1,662 "	
Square.....	Harold, Crawford and Abotsford streets.....	966 "	Inclosed by iron fence.
Square.....	Old Heath, New Heath and Parker streets.....	2,419 "	
Elm Hill park.....	Off 550 Warren street....	6,920 "	
Square.....	Albany street, near Mall st.	1,253 "	
DORCHESTER.			
Adams square.....	Adams and Granite streets..	2,068 "	
Algonquin square.....	Algonquin and Bradlee sts.	1,728 "	
Dorchester square.....	Meeting House Hill.....	56,200 "	
Drohan square.....	Edison green.....	10,241 "	
Eaton square.....	Adams and Bowdoin streets.	13,280 "	
Mt. Bowdoin green.....	Top of Mt. Bowdoin.....	25,170 "	
Peabody square.....	Ashmont street and Dorchester avenue.....	1,963 "	
Richardson square.....	Between Pond and Cottage streets.....	45,982 "	
Spaulding square.....	Junc. of Freeport street and Neponset avenue....	6,263 "	
Tremlett square.....	Tremlett st., bet. Hooper and Waldeck streets....	7,107 "	
Public ground.....	Adams street, near Cedar Grove Cemetery.....	700 "	
Public ground.....	Florida street.....	6,090 "	
Public ground.....	Magnolia street.....	3,605 "	
Wellesley park.....	Wellesley park.....	28,971 "	
CHARLESTOWN.			
City square.....	Head of Bow and Main sts..	8,739 "	{ Inclosed by stone curb and iron fence.
Hayes square.....	Bunker Hill and Vine street.	4,484 "	
Sullivan square.....	Main, Cambridge, Sever and Gardner streets....	56,428 "	
Winthrop square.....	Winthrop, Common and Adams streets.....	38,450 "	Inclosed by iron fence.
Public ground.....	Essex and Lyndeboro' sts..	980 "	
WEST ROXBURY.			
Soldiers' Monument Lot..	South and Centre streets..	5,870 "	
Public ground.....	Top of Mt. Bellevue.....	27,772 "	
Public ground.....	South Conway, South Fairview and Robert streets.....	750 "	
Public ground.....	Oakview terrace, off Centre street.....	5,287 "	
Public ground.....	Centre and Perkins streets..	3,200 "	
BRIGHTON.			
Jackson square.....	Chestnut Hill ave., Union and Winship streets.....	4,300 "	Inclosed by stone curb.
Brighton square.....	Between Chestnut Hill ave. and Academy Hill road..	25,035 "	
Fern square.....	Between Franklin and Fern streets.....	1,900 "	
Public ground.....	Junction Cambridge, Muddock and Sparhawk sts..	7,449 "	

PUBLIC GROUNDS AND CITY SQUARES.—*Concluded.*

NAME.	Location.	Area.	Remarks.
HYDE PARK.			
Playground.....	Factory Hill.....	5.2 acres.	
Greenwood square.....	Junction Thatcher street and Central avenue.....	.005 acre.	
Webster square.....	Junction Webster street and Central avenue.....	.005 "	
Wolcott square.....	Readville.....	.005 "	
Green.....	Junction Milton avenue and Highland street.....	.005 "	
Green.....	Junction Beacon street and Metropolitan avenue.....	.005 "	
Green.....	Junction Williams Avenue and Prospect street.....	700 sq. ft.	
Camp Meigs.....	Readville.....	2.81 acres.	
MISCELLANEOUS.			
Greenhouse and nur- sery grounds.....	Between Massachusetts ave. and East Cottage st. On Massachusetts ave., adjoining location of N. E. R. R.....	102,531 sq. ft.	{ Greenhouses, nursery, hot beds, office, store- house and stable. For settees, plank walks, etc.
Storage grounds.....		74,279 "	

One fountain each on Franklin, Blackstone, Worcester, Independence, Central, Maverick, Sullivan and Jackson squares, Massachusetts avenue and Union park; Brewer fountain on Common; "Maid of the Mist," three fountains and Japanese lantern on Public Garden; Lyman fountain, at Eaton square; one department office building, one temporary office building for engineers and one tool house on Common.

Tools, mowing machines, settees, horses, wagons, automobile, statues, monuments, etc.

PUBLIC WORKS DEPARTMENT.

Central Office.

One automobile.

Bridge and Ferry Division (Bridge Service).

ATLANTIC AVENUE.— Draw house, electrical power room and tool house.
BROADWAY.— One engine house, repair shop and coal shed.

LOT OF LAND, containing 5,516 feet, Broadway extension, on which is a brick building containing stable, office and workshop.

CHARLESTOWN BRIDGE.— Draw house and electrical power room and six storehouses.

CHELSEA (SOUTH).— Draw house, engine house and storehouse.

CHELSEA (NORTH).— Draw house and storehouse.

CHELSEA STREET.— One draw house.

CONGRESS STREET.— Draw house, tool house, engine room, two shelter houses and storehouse.

COTTAGE STREET.— Footbridge, East Boston, watchman's house.

DORCHESTER AVENUE.— Draw house, two motor houses, one controller house and storehouse.

DOVER STREET.— Draw house and storeroom.

L STREET.— Draw house and engine house.

MALDEN.— Draw house and tool house.

MERIDIAN STREET.— Draw house, storehouse and tool house.

NEPONSET.— One tool house.

NORTHERN AVENUE.— Draw house and electrical power room.

SUMMER STREET.— Draw house, controller house and two shelter houses.

WARREN.—Engine house, stable, storehouse, boiler house and draw house.

WESTERN AVENUE TO WATERTOWN.—One tool house.

Seven horses, six wagons, eight buggies, harnesses, blankets, etc., two automobiles in use and one out of commission. Also engineering and surveying instruments, plans, etc.

Ferry Service.

Buildings, drops, piers, landings and wharf property.

STEAM FERRYBOATS.—“Revere,” “D. D. Kelly,” “Hugh O’Brien,” “General Hancock,” “Governor Russell,” “Noddle Island,” and “General Sumner.”

Tools, machinery, etc.

Highway Division (Lighting Service).

Has charge of 11,361 mantle gas lamps, 20 triple mantle gas lamps, 95 double mantle gas lamps, 219 fire-alarm lamps, 4,105 arc lamps, 1,315 tungsten lamps, besides posts and brackets, 2 horses, 1 top buggy, 1 open buggy, 1 sleigh and two single harnesses.

Repair shop, No. 690 Albany street, built in 1874; the lot contains 8,000 square feet, let to the Rising Sun Street Lighting Company.

Paving Service.

Building and wharves on Albany street, opposite Sharon and East Brookline streets. The building is of brick and wood, and covers some 8,000 square feet of land, and is divided into a shed for storage, blacksmith’s and carpenter’s shops, tool room and stable. The contents of the lot, including wharves and building, is 128,735 square feet.

Ledge lot, on Washington street, corner Dimock street, Roxbury, containing 134,671 square feet. Upon this lot are buildings containing a steam engine and stone crusher.

Highland street stable. (See Sanitary Service.)

Ledge lot, on Codman street, Dorchester, containing 299,000 square feet, was purchased in 1870. Upon this lot is a shed containing a steam engine and stone crusher, also a stable and tool house; also lot of land adjoining, containing 111,423 square feet, bought in 1907.

On the Almshouse lot, Hancock street, Dorchester, containing 104,032 square feet, there are two stables, also a shed and tool house.

Downer avenue lot, Dorchester, containing 35,300 square feet.

On Child street, West Roxbury, a lot of land containing 43,024 square feet, upon which are a stable and a shed, blacksmith’s shop and tool house.

Ledge lot, on Chestnut Hill avenue, Brighton, containing about 569,776 square feet, upon which are an office, engine house, stable and crusher plant.

On Medford street, Charlestown, a wharf lot, foot of Elm street, containing 44,194 square feet, upon which are sheds, office, stable, etc.

In South Boston, corner of H street and Columbia road, stable, carriage house, shed, tool house and office on rented land.

Wharf, known as Atkin’s Wharf, 521 Commercial street, purchased in 1887, for \$24,000, containing 22,555 square feet, having on it an office and stable.

On East Eagle street, East Boston, office and stable on rented land.

On Mt. Vernon street, West Roxbury, yard lot belonging to the School-house Department. On this lot is a stable.

On Hyde Park avenue, Hyde Park, lot containing 18,773 square feet, owned by the city. On this lot is an office, stable and shed.

Equipment: Automobiles, 3; blankets, 221; buggies, 29; carts, 97; street watering carts, 18; desks, 35; boom and hand derricks, 7; picks, 1,960; shovels, 2,447; pungs, 12; sleighs, 9; harnesses, 250; jiggers, 12; street rollers, steam, 13; section rollers, 24; wagons, 21; caravans, 1;

horse scrapers, 7; street sweeping machines, 4; road machines, 4; engine, Atlas, 1; engine, Westinghouse, 1; engine, hoisting, 2; snow levels, 19; horses, 127; and instruments for surveying, drawing, etc.

Sanitary Service.

SOUTH BOSTON STABLE. (LEASED.) — Stable and sheds, with accommodations for twenty horses, are located at corner H and Second streets, South Boston.

EAST BOSTON STABLE. (LEASED.) — Stable and sheds with accommodations for fifteen horses, are located at 324 East Eagle street, and are occupied jointly by Paving, Sewer, Street Cleaning and Oiling, and Sanitary Services.

CHARLESTOWN STABLE, with accommodations for twenty-five horses, is situated on Rutherford avenue; lot contains 17,300 square feet of land; stable built in 1875; sheds and outbuildings built in 1879.

HIGHLAND STABLE, with accommodations for seventy-two horses, is situated on the old Almshouse lot, Highland street, containing 81,082 square feet. A part of this stable and adjoining lot is used by the Paving Service. There is on this lot a brick stable, built in 1873, which cost \$88,594.13; also an offal shed, erected in 1875, at a cost of \$1,160.12. The offal shed was abandoned April 1, 1897, and in 1900 part of it was remodeled and is now used as a carriage house and a wash room.

SOUTH CITY STABLES, SHOPS AND SHEDS. — Situated on Albany street, opposite Newton street. The lot belonged to the city before being used for this purpose, and contains 90,780 square feet.

The stable and buildings connected therewith are of brick. There are also on the premises five wooden sheds, used for storing wagons, etc. The stable is two stories high, with French roof, and has accommodations for one hundred horses. Twenty-three horses are kept in sheds. Total original cost, exclusive of land, \$79,089.23. In 1899 a Veterinary Hospital was built and equipped for the purpose of caring for sick and disabled horses.

Connected with stables are blacksmith's, wheelwright, paint and harnessmaker's shops, in which the wagons, carts, harnesses, etc., used by this and other departments are constructed and kept in repair; also a horseshoeing shop, for shoeing the horses of the departments located in this section of the city.

WEST STABLES AND SHEDS. — The stable is a brick building a story and a half high, 128 feet by 50, located on North Grove street, built in 1860, with outbuildings attached to the same. It has accommodations for ninety horses in stables and sheds. The lot contains about 45,152 square feet. On May 11, 1896, a horseshoeing shop was established for the purpose of shoeing the horses stabled in this section of the city.

FORT HILL WHARF. — Containing 21,054 square feet, used as a dumping station for the city's garbage and refuse, and as a mooring place for dumping boats and scows which convey this material to sea and to the plant of the New England Sanitary Product Company; cost of constructing platform and dredging dock, \$6,219.33. There are five Barney dumping boats in continual use, which are towed to sea by the tugboat "Cormorant."

A portion of this wharf is used by the Street Cleaning and Oiling Service as a locker for patrol push-carts, etc., and a part is in use by the Paving Service; the building thereon is leased to a tenant.

LITCHFIELD WHARF. (LEASED.) — Situated at 466 to 470 Atlantic avenue, containing about 35,460 square feet. This wharf adjoins Fort Hill Wharf, and is occupied in part by the New England Sanitary Product Company as a berth for their scows, and also by the buildings of the City Refuse Utilization Company for the disposal of waste and rubbish.

NEW ENGLAND SANITARY PRODUCT COMPANY PLANT. (LEASED.) — Situated on Spectacle Island; five acres on the northwestern slope of the southern head of said island in Boston Harbor.

WEIGHING HOUSE. (LEASED.) — Corner of Massachusetts avenue and Southampton street. Lessor, the Consolidated Gas Company of Boston. Area, about 2,300 square feet.

On Freeport street, Dorchester, wharf property containing 160,745 square feet, bought by the city in 1901 for the Sanitary Service but never used.

Equipment: Horse blankets, 280; offal buckets, 336; buggies, 19; carts, 178; harnesses, 236; horses, 222; shovels, 344; wagons, 85; desks, 23; sleighs, 8; pungs, 117; automobiles, 2; scows; towboat, 1.

Street Cleaning and Oiling Service.

SOUTH BOSTON STABLE. (LEASED).— Stable and sheds, with accommodations for eighteen horses, are located at 162 West Second street.

EAST BOSTON STABLE.— (LEASED.)— Stable and sheds, with accommodations for ten horses, are located at 324 East Eagle street, and are occupied jointly by Paving, Sewer, Sanitary, and Street Cleaning and Oiling Services. (See Paving Service.)

CHARLESTOWN STABLE, with accommodations for ten horses, is situated on Rutherford avenue. (See Sanitary Service.) Office building, built 1903.

ROXBURY STABLE, with accommodations for ten horses, is situated on the old Almshouse lot, Highland street. One oil emulsifying plant. (See Sanitary Service.)

SOUTH CITY STABLES.—Situated at 650 Albany street, opposite Newton street, with accommodations for forty-four horses. (See Sanitary Service.)

BACK BAY YARD, SEWER SERVICE.—One oil emulsifying plant.

GIBSON STREET YARD, SEWER SERVICE.—One oil emulsifying plant.

CHESTNUT HILL AVENUE YARD, PAVING SERVICE.—One oil emulsifying plant.

Equipment: Carts, 118; buggies, 17; street watering carts, 12; wagons, 7; harnesses, 180; horses, 158; sanding machines, 2; flushing machines, 7; push-carts, 110; street sweeping machines, 37; automobiles, 2; brooms, 1,043; shovels, 728; picks, 413.

Sewer and Water Division (Sewer Service).

This service occupies a lot containing 28,020 square feet, with buildings on Boylston and Hereford streets; a lot with buildings, with water front on Albany street, containing 42,000 square feet, for storage of materials, tools, etc., and one with buildings on Gibson street, Dorchester, containing 42,000 square feet; a lot on Eagle street, East Boston; sewer yard, with buildings, on Massachusetts avenue, near Albany street; sewer yard, with buildings, on Child and South streets; land and building at pumping station, Old Harbor Point, with roadway (Mt. Vernon street); land, buildings and reservoirs at Moon Island and Squantum.

Equipment: Horses, 46; wagons, 33; buggies, 29; carts, 28; street watering cart, 1; caravan, 1; harnesses, 70; blankets, 93; sleighs, 15; shovels, 798; picks, 572; Edison and centrifugal pumps, 33; boom and hand derricks, 21; wheelbarrows, 44; Hoadley engine, 1; sludge engine, 1; dynamo engines, 2; hoisting engines, 2; horizontal and upright boilers, 7; scow, 1; desks, 24; automobiles, 4.

Improved Sewerage.

Land taken by and released to the city on account of construction of "Improved Sewerage" system:

A portion of Clapp street, east of Massachusetts avenue, reserving rights of way over it to previous owners, etc.; area, 1 qr. 9½ rods.

A strip, 20 feet wide, between Clapp and Boston streets, reserving use of service to previous owners; area, 10,512 square feet.

Hyde street, Dorchester avenue to Old Colony Railroad, reserving rights of way to previous owners; area, 44,060 square feet.

Washington avenue, Hyde street to Locust street, reserving rights of way to previous owners; area, 92,600 square feet.

Locust street, Washington avenue to Von Hillern street, reserving rights of way to previous owners; area, 6,600 square feet.

Von Hillern street, Locust street to Mt. Vernon street, reserving rights of way to previous owners; area, 24,000 square feet.

Extension of Mt. Vernon street, across Calf Pasture, reserving rights of way to previous owners; area, 203,050 square feet.

Extension of Lowland street, South Boston, from Jenkins street to Old Colony Railroad, reserving rights of way to previous owners, 475 feet by 40 feet; area, 19,000 square feet.

Mt. Vernon street, across Old Colony Railroad; area, 2,952 square feet.

Land for sheds and storage on Massachusetts avenue, east of Albany street, 7,385 square feet (set off for use of "Improved Sewerage" by Committee on Public Lands).

Camden street, across Boston & Providence Railroad, by mutual agreement; area, 1,320 square feet.

Pumping station lot at Old Harbor Point; area, 22½ acres.

Land bought by city, near pumping station lot, at Old Harbor Point; area, 45,729 square feet.

Land added to pumping station lot by exchange with Bay State Gas Company; area, 2,950 square feet.

A strip 20 feet wide, from low water in Dorchester Bay to and across a roadway on Squantum Neck, reserving use of surface to previous owners; area 12,155 square feet.

Upland in Squantum; area, about 19.5 acres.

Upland on Moon and Little Moon Islands; area, 37.65 acres.

Flats about Moon Island and Squantum; area, 131 acres.

Right to use, conjointly with other users, a portion of roadway at Squantum, 2,045 feet long by 32 feet wide; area, 1.5 acres.

Park street, across creek to private land, reserving use of surface to previous owners; area, 1,780 square feet.

Land on Brook street, in Dorchester (no reservation); area, 6,810 square feet.

A strip, 8 feet wide, through Brook street and across Howe street, in Dorchester, reserving the use of surface to previous owners; area, 6,545 square feet.

A strip, partly 20 feet wide and partly 10 feet wide, from Howe street to Mill street, in Dorchester, reserving use of surface to previous owners; area, 10,863.4 square feet.

A strip, partly 12 feet wide and partly 20 feet wide, from Mill street to Pope's Hill street, in Dorchester, reserving use of surface to previous owners; area, 22,375 square feet.

A strip, partly 20 feet wide and partly 10 feet wide, from Pope's Hill street to Commercial, now Freeport, street, in Dorchester, reserving use of surface to previous owners; area, 8,923 square feet.

A strip, partly 10 feet wide and partly 20 feet wide, from Commercial, now Freeport, street, in Dorchester, to the end of Bertram street, reserving use of surface to previous owners; area, 5,709 square feet.

A strip, 20 feet wide, from strip last before named, to the side of Bertram street, in Dorchester, reserving use of surface to previous owners; area, 5,841 square feet.

A strip, 8 feet wide, in Bertram street, Dorchester, reserving use of surface to previous owners; area, 378 square feet.

A strip, 8 feet wide, through Bertram street, in Dorchester, reserving use of surface to previous owners; area, 7,096 square feet.

A strip, 10 feet wide, in Coffey street, reserving use of surface to previous owners; area, 2,470 square feet.

A strip, 10 feet wide, in Coffey street, reserving use of surface for purposes of a way to previous owners; area, 203 square feet.

A strip, 20 feet wide, from Coffey street to land of Blackwell, reserving use of surface to previous owners; area, 5,572 square feet.

A strip, 20 feet wide, from Coffey street to Blackwell street, reserving use of surface for purposes of a private way to previous owners; area, 7,852 square feet.

A strip, 10 feet wide, from north side Blackwell street to land of the trustees of the First Baptist Meeting House, reserving to previous owners use of surface for purposes of a private way; area, 4,635 square feet.

A strip from land last mentioned to Chickatawbut street, reserving use of surface to previous owners; area, 3,120 square feet.

A strip, 8 feet wide, through Highland avenue, reserving use of surface to previous owners; area, 3,015 square feet.

A strip, partly 8 feet, partly 20 feet and partly 30 feet wide, from Highland avenue to Marsh street, reserving use of surface to previous owners; area, 28,261 square feet.

A strip, 10 feet wide, across Marsh street, reserving use of surface to previous owners; area, 248 square feet.

A strip of various widths bordering on land of Old Colony Railroad Company, from Marsh street to Granite avenue, reserving use of surface to previous owners; area, 26,625 square feet.

A strip of various widths bordering on land of Old Colony Railroad Company, from Granite avenue to Butler street, reserving use of surface to previous owners; area, 65,487 square feet. This strip crosses the Shawmut branch of the Old Colony Railroad.

Two strips, 7 feet wide, bordering on the strip last mentioned, one extending from the depot lot at Granite avenue to land of Old Colony Railroad Company at Shawmut junction, the other from land of Old Colony Railroad Company at Shawmut junction to land of James Pope, near Butler street, taken to provide for surface drainage. They will revert to previous owners when drainage is otherwise provided for.

A strip, partly 10 feet wide, partly 20 feet wide and partly 30 feet wide, in Butler street, between Adams street and Old Colony Railroad, reserving use of surface to previous owners; area, 6,749 square feet.

A strip, 10 feet wide, near Neponset river, between Washington street and Central avenue, reserving use of surface to previous owners; area, 13,688 square feet.

A strip, 20 feet wide, through Franklin street, from Walnut street to Fulton street, reserving use of surface to previous owners; area, 10,208 square feet.

A strip, 35 feet wide, through Fulton street, from Franklin street to Eriesson street, reserving use of surface to previous owners; area, 42,606 square feet.

A strip, 12 feet wide, from Mt. Vernon street, in Dorchester, to Dorchester bay, together with a triangular piece bordering on said strip and Mt. Vernon street, reserving use of surface to previous owners; area, 6,238 square feet.

A triangular piece of land on the southeasterly side of Mt. Vernon street, reserving use of surface to previous owners; area, 742 square feet.

Water Service.

Fisher Hill Reservoir, Brookline, with a capacity of 15,400,000 gallons; area of property, 459,670 square feet.

Parker Hill Reservoir, Roxbury, with a capacity of 7,200,000 gallons; area of property, 190,934 square feet.

East Boston Reservoir, on Eagle Hill, East Boston, with a capacity of 5,600,000 gallons; area of property, 220,875 square feet.

Lot on Condor street, East Boston (formerly East Boston Pumping Station), now used as district headquarters; area of property, 72,931 square feet.

High service tank on Mt. Bellevue, West Roxbury; capacity, 122,000 gallons.

West Roxbury Pumping Station and lot, located on the corner of Washington street and Metropolitan avenue, West Roxbury; area of property, 12,895 square feet.

High service tank on Orient Heights, capacity, 122,000 gallons; area of property, 11,395.5 square feet.

Machine shop, stable, wharf and pipe yard on Albany street; area of property, 98,100 square feet.

Work shop and a stable, corner of Medford and Tufts streets, Charlestown; area of property, 13,050 square feet.

Pipe route from Beacon street to Boylston street, Brookline; area of property, 163,000 square feet.

Strip of land at Point Shirley, Winthrop, containing 7,725 square feet.

Strip of land from Parker Hill Reservoir to Fisher avenue, containing 2,887 square feet.

Strip of land between Heath and Lawn streets, Roxbury, containing 5,707.5 square feet.

A lot of land on Western avenue, Brighton, containing 135,350 square feet.

Fairmount Reservoir, Hyde Park, capacity of 1,500,000 gallons.

Fairmount Standpipe, Hyde Park, capacity of 500,000 gallons; area of property, 6.35 acres.

Pumping station and lot at foot of Water street, Hyde Park; area of property, 21.39 acres.

Pumping station and lot on Paradise lane, Dedham; area of property, 12.5 acres.

Lot of land on Sprague street, bordering Sprague pond, area .37 acre.

The main pipes leading from the receiving reservoirs in Brookline and Brighton and from Walnut street, Somerville, to the city, and the distributing pipes laid in the City Proper, South Boston, East Boston, Roxbury, Dorchester, West Roxbury, Brighton, Charlestown, Hyde Park, etc. Total length, 818.35 miles, varying in size from two to forty-eight inches in diameter. There are 8,456 public fire hydrants connected with these distributing mains.

Equipment: Horses, 61; wagons, 37; automobiles, 3; buggies, 16; sleighs, 10; pungs, 13; pumps, machinery and tools; blueprinting machines, engineering, surveying and drafting instruments, barometers, etc.

SCALES.

One in the south stable yard, Albany street; one in Haymarket square; one in Maverick square, East Boston; one at corner Eustis and Mall streets, Roxbury; one each corner Centre and La Grange streets, Washington street, corner Centre street and Starr lane, West Roxbury.

SCHOOLHOUSES.

NAME.	Location.	No. feet in lot.	When built.	Number of Rooms.	Remarks.
Aaron Davis.....	Yeoman st., Rox....	18,200	1870	12	
Abby W. May.....	Thornton st., Rox....	11,052	1893	6	
Aberdeen.....	Chestnut Hill av....	25,000	1897	2	
Abraham Lincoln...	Fayette street.....	44,415	1911	40	
Adams and Chestnut streets.....	Charlestown.....	20,399	1900	2	
Adams street.....	Dorchester.....	44,555	1861	2	Portable building No. 1 on this lot.
Agassiz.....	Brewer street, J. P...	42,244	1893	14 and hall.	Old Agassiz School bldg. on this lot.
Albert Palmer.....	Eustis street, Rox....	16,165	1895	6	Portable building No. 62 on this lot.
Amos Webster.....	Hilton st., H. P.....	11,383	1895	2	
Andrews.....	Genesee street.....	12,578	1896	9	Portable buildings Nos. 60 and 90 on this lot.
Asa Gray.....	Weston street, Rox...	14,973	1877	8	
Atherton.....	Columbia road.....	24,751	1872	8	

SCHOOLHOUSES.—Continued.

NAME.	Location.	No. feet in lot.	When built.	Number of Rooms.	Remarks.
Auburn.....	School street, Bri....	12,340	1856	4	Portable buildings Nos. 70 and 84 on this lot.
Austin.....	Paris street, E. B....	4,640	1849	6	
Bailey street.....	Dorchester.....	33,838	1880	4	
Baldwin.....	Chardon court.....	6,139	1864	6	Portable buildings Nos. 16, 36 and 63 on this lot.
Bartlett street.....	Bartlett street, Rox..	7,627	1846	6	
B. F. Tweed.....	Cambridge street, Charlestown.....	16,727	1892	6	
Benjamin Cushing..	Robinson st., Dor....	25,032	1897	8	
Benjamin Dean.....	H street.....	11,477	1899	8	
Benjamin Pope.....	O street, corner of E. Fifth street.....	20,000	1883	8	
Bennett.....	Chestnut Hill ave., Brighton.....	27,631	1874	7 and hall.	Portable buildings Nos. 24, 48 and 56 on this lot.
Bennett annex.....	Dighton st., Bri....	9,605	1886	6	
Bigelow.....	West Fourth street, South Boston.....	26,704	1901	19 and hall.	
Blackinton.....	Leyden street, E. B..	58,768	1892	18 and hall.	Portable buildings Nos. 24, 48 and 56 on this lot.
Bowditch.....	Green street, J. P....	23,655	1892	15 and hall.	Portable building No. 52 on this lot.
Bowdoin.....	Myrtle street.....	10,777	1896	16 and hall.	Portable building No. 75 on this lot. On Brewster lot.
Brewster.....	Morton street, Mat..	34,895	1895	4	
Brewster annex.....	Morton street, Mat..		1898	2	Portable building No. 77 on this lot. Wardroom 4 in this building.
Brighton High.....	Cambridge st., Bri..	70,371	1895	17 and 2 halls.	
Brimmer.....	Common street.....	11,401	1843	14 and hall.	Portable buildings Nos. 15, 59 and 85 on this lot.
Bunker Hill Gr....	Baldwin street, Ch...	19,660	1866	14 and hall.	
Bunker Hill Pr....	Bunker Hill street...	.....	1845	8	
Butler.....	E. River st., H. P....	3,960	1804	1	Portable buildings Nos. 15, 59 and 85 on this lot.
Canterbury street..	West Roxbury.....	20,121	1864	2	
Capen.....	E. Sixth street, S. B..	12,354	1871	6	
Chapman.....	Eutaw street, E. B..	29,150	1901	17 and hall.	Portable building No. 9 on this lot. Portable building No. 101 on this lot.
Charles Bulfinch...	Parker street and Fisher avenue.....	39,052	1911	12	
Charlestown High...	Monument square...	16,380	1907	20 and hall.	
Charles C. Perkins...	St. Botolph street...	16,000	1891	10 and hall.	Portable buildings Nos. 65 and 89 on this lot.
Charles Sumner.....	Ashland street, Ros..	30,000	1877	10 and hall.	
Chestnut avenue...	West Roxbury.....	13,733	1872	2	
Choate Burnham...	E. Third st., S. B....	17,136	1894	9	Portable building No. 83 on this lot. Portable building No. 25 on this lot. Portable buildings Nos. 65 and 89 on this lot.
Christo'r Columbus,	Tileston street.....	12,858	1904	24	
Christopher Gibson,	Bowdoin avenue.....	39,620	1895	14 and hall.	
Clinch.....	F street, S. B.....	13,492	1871	6	Portable buildings Nos. 40 and 51 on this lot.
Comins.....	Tremont street, Rox.,	22,169	1856	13 and hall.	
Commodore Barry..	Belmont sq., E. B....	21,000	1856	13 and hall.	On Normal lot.
Common Building..	Tremont entrance to the Fenway, Rox.,	.....	1907	Gym., etc.	
Common street.....	Charlestown.....	7,001	1827	6	Portable buildings Nos. 40 and 51 on this lot.
Cook.....	Groton street.....	10,170	1852	6	
Copley.....	Bartlett street, Ch...	16,115	1901	8	Portable buildings Nos. 14, 68 and 110 on this lot. On lot with Han- cock School.
Cottage place.....	Roxbury.....	7,094	1859	4	
Cudworth.....	Gove street, E. B....	25,000	1894	11	
Cushman.....	Parmenter street.....		1867	16	

SCHOOLHOUSES.—Continued.

NAME.	Location.	No. feet in lot.	When built.	Number of Rooms.	Remarks.
Cyrus Alger.....	W. Seventh st., S. B.,	16,560	1880	8	Portable building No. 29 on this lot. This does not in- clude teachers', principal's, libra- ry or reception rooms.
Damon.....	Readville st., H. P....	46,600	1871	8	
Dearborn.....	Ambrose st., Rox....	37,104	1905	21 and hall.	
Dillaway.....	Kenilworth st., Rox...	22,824	1882	12 and hall.	
Doane House.....	Pearl street, Ch.....	10,723	1910	5	
Dorchester avenue..	Dorchester avenue...	34,460	1852	4	
Dorchester High....	Talbot avenue, Dor..	77,550	1901	42 and 2 halls.	This does not in- clude teachers', principal's, libra- ry or reception rooms.
Drake.....	C street, S. B.....	10,260	1869	6	
Dudley.....	Dudley and Putnam streets.....	26,339	1874	14 and hall.	
Dwight.....	W. Springfield street,	19,125	1857	14 and hall.	
E. Boston High....	Marion street, E. B..	27,500	1901	22 and 2 halls.	
Edward Everett....	Pleasant st., Dor....	49,732	1909	16 and hall.	
Elbridge Smith....	Centre street, Dor...	59,340	1870	8	Portable building No. 66 on this lot. Portable building No. 55 on this lot. Public Latin School on this lot.
Elihu Greenwood...	Metropolitan avenue, Hyde Park.....	45,759	1887	9	
Eliot.....	North Bennet street,	11,077	1838	14 and hall.	
Ellis Mendell.....	School street, W. R....	35,491	1904	12	
Emerson.....	Prescott street, E. B..	39,952	1865	16 and hall.	
Emerson Pr.....	Poplar street.....	5,924	1861	6	
English High.....	Montgomery street..	85,560	1880	39 and hall.	On lot with Thomas Gardner School.
Everett.....	W. Northampton st.,	32,409	1860	14 and hall.	
Everett.....	Athol street.....		1873	2	
Fairmount.....	Williams ave., H. P...	44,330	1871	9	
Farragut.....	Fenwood road, Rox..	27,923	1904	14	
Florence street.....	Florence st., W. R.....	25,030	1862	6	
Franklin.....	Walham street.....	16,439	1859	14 and hall.	Portable building No. 71 on this lot.
Francis Parkman...	Walk Hill street....	30,000	1899	14 and hall.	
Frederic A. Whit- ney.....	Webster avenue, Bri..	19,761	1889	8	
Frederic W. Lin- coln.....	East Broadway.....	24,500	1853	13 and hall.	
Freeman.....	Charter street.....	5,247	1868	6	
Frothingham.....	Prospect street, Ch...	22,079	1874	16 and hall.	
Frothingham annex.	Prospect street, Ch...		1898	2	Portable buildings Nos. 78 and 94 on this lot.
Gaston.....	East Fifth, cor. L street, S. B.....	35,358	1872	14 and hall.	
George Bancroft....	Appleton st., near Dartmouth street...	18,454	1870	12	
George Putnam....	Columbus avenue, West Roxbury.....	31,784	1880	10 and hall.	
George T. Angell....	Harrison avenue and Hunneman street..	43,814	1912	8	
Gilbert Stuart.....	Richmond street, Dorchester.....	31,147	1896	14 and hall.	
Girls' High.....	West Newton street..	37,480	1870	74 and hall and gymna- sium.	Includes all recita- tion rooms.
Girls' Latin.....	Tremont entrance to the Fenway, Roxbury.....		1907	27 and hall.	
					On Normal lot.

SCHOOLHOUSES.—Continued.

NAME.	Location.	No. feet. in lot.	When built.	Number of Rooms.	Remarks.
Girls' Trade.....	Massachusetts ave....	8,440	1909	13 and hall.	On W. E. Endicott lot.
Glenway.....	Glenway street, Dor..		1880	2	
Glenway annex.....	Glenway street, Dor..		1898	2	On W. E. Endicott lot.
Grant.....	Phillips street.....	3,744	1852	4	Cushman School- house on this lot.
Hancock.....	Parmenter street....	36,042	1847	14 and hall.	
Hancock annex.....	Parmenter street....		1903	2	On Hancock lot.
Harbor View street..	Dorchester.....	27,808	1883	4	Mayflower School on this lot.
Harris.....	Adams street, Dor...	37,150	1861	9 and hall.	Little Em'ly and Portable No. 42 on this lot.
Harvard Grammar..	Devens street, Ch...	16,306	1871	16 and hall.	Wardroom 5 in this building.
Harvard.....	North Harvard street, Brighton...	20,750	1848	4	Simonds School- house on this lot.
Harvard Hill.....	Charlestown.....	6,860	1800	8	
Hawes Hall.....	West Broadway, South Boston.....	16,647	1823	8	
Heath street.....	Roxbury.....	10,669	1857	2	Henry Grew.....
Hemenway.....	Wolcott street, Hyde Park.....	12,925	1895	2	
Henry Grew.....	Gordon avenue, Hyde Park.....	40,266	1871	11	Portable buildings Nos. 2, 3, 4 and 18 on this lot.
Henry L. Pierce....	Washington street, Dorchester.....	64,439	1891	12 and hall.	
Henry Vane.....	Baker street, W. R..	21,000	1899	4	Howard avenue an- nex and Portable buildings Nos. 102 and 105 on this lot.
Hillside.....	Elm street, J. P....	18,613	1858	6	
Hobart street.....	Brighton.....	35,973	1884	4	Howard avenue an- nex and Portable buildings Nos. 102 and 105 on this lot.
Horace Mann.....	Newbury street.....	8,400	1890	18 and 2 halls.	
Howard avenue....	Dorchester.....	29,090	1882	6	Howard avenue an- nex and Portable buildings Nos. 102 and 105 on this lot.
Howard avenue an- nex.....	Howard avenue, Dor..		1896	2	
Hugh O'Brien.....	Dudley and Langdon streets, Rox.....	40,554	1887	14 and hall.	Portable buildings Nos. 7, 13, 76 and annex on this lot.
Hugh O'Brien an- nex.....	Dudley street, Rox..		1896	2	Portable buildings Nos. 5, 45, 49, 80, 82 and 100 on this lot.
Hull.....	Quincy street, Rox...	23,453	1875	8	
Hyde.....	Hammond street...	20,754	1884	14 and hall.	Portable buildings Nos. 27 and 107 on this lot.
Hyde Park High....	Everett street, Hyde Park.....	43,560	1902	6	
Ira Allen.....	Parker street, Rox..	20,051	1901	2	Portable buildings Nos. 27 and 107 on this lot.
James A. McDonald,	Polk street, Ch.....	7,200	1911	12	
James Otis.....	Paris and Marion sts.,	26,000	1905	12	Portable buildings Nos. 20 and 111 on this lot.
Jefferson.....	Heath street, Rox...	38,215	1904	19 and hall.	
John A. Andrew....	Dorchester street....	24,075	1876	16 and hall.	Portable buildings Nos. 20 and 111 on this lot.
John Boyle O'Reilly,	Dorchester street....	24,947	1904	14	
John Cheverus.....	Pope, Moore and Chaucer sts., E. B.	53,936	1909	16 and hall.	Portable buildings Nos. 10 and 103 on this lot.
John Greenleaf Whittier.....	Southern avenue, Dorchester.....	34,374	1905	10	

SCHOOLHOUSES.—Continued.

NAME.	Location.	No. feet in lot.	When built.	Number of Rooms.	Remarks.
John Lothrop Mot- ley.....	Savin Hill avenue....	68,480	1911	4	
John Winthrop.....	Brookford and Dacia streets.....	36,859	1911	16	
Joseph Tuckerman..	East Fourth street, South Boston.....	21,584	1905	10	
Joshua Bates.....	Harrison avenue.....	19,977	1884	8	Portable buildings Nos. 37 and 43 on this lot.
Julia Ward Howe...	Dale street, Rox....	27,850	1868	12	Lewis annex and Portable build- ings Nos. 19, 21, 22, 38, 39, 69 on this lot.
Kenilworth street...	Kenilworth street, Roxbury.....	6,990	1861	8	
Lafayette.....	Ruggles street.....	27,516	1911	8	
Lawrence.....	B and W. Third sts.,	14,343	1856	13 and hall.	
Lewis annex.....	Dale street, Rox....	.....	1901	1	
Little Em'ly.....	Adams street, Dor....	.....	1895	1	
Longfellow.....	Hewlett and South streets, Ros.....	29,919	1897	19 and hall. 8 rooms added 1909.	Portable building No. 12 on hired lot on Beech street used in this division.
Louisa May Alcott..	South End.....	10,756	1845	11	Wardroom 12 in this building.
Lowell.....	Centre street, J. P....	35,241	1874	14 and hall.	Lowell annex on this lot.
Lowell annex.....	Mozart street, J. P....	.....	1896	2	
Lucretia Crocker....	Parker street, J. P....	30,000	1884	8	Portable building No. 104 on this lot.
Lyceum Hall.....	Meeting House Hill,	21,319	1892	7	In use by Dorches- ter High School.
Lyman.....	Paris and Gove sts., East Boston.....	26,200	1870	15 and hall.	Portable buildings Nos. 108 and 109 on this lot.
Margaret Fuller.....	Glen road, W. Rox....	14,252	1892	6	
Marshall.....	Westville st., Dor....	30,370	1903	15	Portable building No. 50 on this lot.
Martin.....	Huntington avenue, Roxbury.....	28,307	1885	14 and hall.	
Mary Hemenway...	Adams street, Dor....	30,000	1897	12 and hall.	
Mary Lyon.....	Norfolk street.....	.....	1911	8	
Mather.....	Meeting House Hill..	123,050	1905	30 and hall.	Tileston lot. Old Mather School- house, Wardroom 20, on this lot.
Mayflower.....	Harbor View street, Dorchester.....	.....	1895	1	On lot with Har- bor View Street Schoolhouse.
Mayhew.....	Chambers street.....	14,128	1897	14	
Mead street.....	Charlestown.....	5,857	1847	4	
Mechanic Arts High,	Belvidere street.....	37,300	1893	47 and hall.	
Medford street.....	Charlestown.....	12,112	1886	4	
Minot.....	Neponset ave., Dor....	31,500	1887	7 and hall.	Portable building No. 44 on this lot.
Mt. Pleasant avenue,	Roxbury.....	9,510	1847	2	
Mt. Vernon street...	West Roxbury.....	81,470	1862	3	Portable building No. 106 on this lot. Old engine house on this lot, used by Public Works Depart- ment until want- ed for school pur- poses.
Miles Standish.....	Roxbury and King streets.....	14,147	1874	8	
Nathan Hale.....	Cedar street, Rox....	45,821	1909	12	

SCHOOLHOUSES.—Continued.

NAME.	Location.	No. feet in lot.	When built.	Number of Rooms.	Remarks.
Nath. Hawthorne...	Harlow street, Dor...		1906	9	
Noble.....	Princeton st., E. B..	17,500	1874	8	Portable building No. 61 on this lot.
Noble annex.....	Princeton st., E. B..		1898	2	
Norcross.....	D street, S. B.....	12,075	1868	14 and hall.	
Normal.....	Huntington avenue, Roxbury.....	141,076	1907	32 and hall.	
Oak square.....	Nonantum st., Bri...	17,966	1894	2	
Old Agassiz.....	Burroughs st., J. P..		1849	6	On lot with Agassiz Schoolhouse.
Old Baker street...	West Roxbury.....	10,464	1855	1	
Old Dearborn.....	Dearborn place.....		1852	14 and hall.	On Dearborn lot.
Old East Boston High.....	Meridian st., E. B..	13,616	1846	6 and hall.	Public Library and court room in this building.
Old Edward Everett,	Sumner street, Dor ..		1855	16	On lot with Stephen Decatur School- house.
Old Gibson.....	Athelwold st., Dor...		1857	7	On lot with Oliver Wendell Holmes Schoolhouse.
Old Ira Allen.....	Leon street, Rox....	10,057	1851	4	Used as a store- house.
Old Mather.....	Meeting House Hill..		1872	10	On lot with Mather Schoolhouse.
Old Parkman.....	Silver street, S. B....	5,306	1848	6	Used as a store- house.
Oliver Hazard Perry,	E. Seventh st., S. B..	45,000	1904	14 and hall.	Portable building No. 57 on this lot.
Oliver Wendell Holmes.....	School street, Dor...	56,348	1905	24 and hall.	Portable buildings Nos. 6, 32 and 41 on this lot.
Parkman.....	Broadway, S. B.....	10,160	1842	12	
Patrick A. Collins...	Worthington street, Roxbury.....		1907	20 and hall.	On Normal lot, in use by High School of Com- merce.
Paul Jones.....	Horace street, E. B..	17,500	1904	10	
Paul Revere.....	Prince street.....	18,986	1898	18	
Peter Faneuil.....	Joy street.....	26,688	1910	18	
Phillips Brooks.....	Quincy street, Dor...	38,026	1900	15 and hall.	Portable buildings No. 23, 26, 30, 67, 97, 98 and 99 on this lot.
Phillips street.....	Roxbury.....	20,355	1867	8	Portable building No. 11 on this lot.
Phineas Bates.....	Beech street, W. R...	37,500	1896	4	Portable building No. 92 on this lot.
Pierpont.....	Hudson street.....	4,216	1850	4	
Plummer.....	Belmont sq., E. B...	35,073	1891	16	Portable buildings Nos. 53 and 95 on this lot.
Polk street.....	Charlestown.....	12,143	1876	6	
Pormort.....	Snelling place.....	4,373	1855	6	
Portable buildings..	111 in different parts of city.....		1900 to 1909	1 each.	
Prescott.....	Elm street, Ch.....	20,287	1857	10 and hall.	
Prescott annex.....	Elm street, Ch.....		1896	1	On lot with Pres- cott Schoolhouse.
Prince.....	Newbury street.....	22,960	1875	12 and hall.	Wardroom 11 in this building.
Public Latin.....	Warren avenue.....		1880	39 and hall.	On lot with Eng- lish High School.
Quincy.....	Tyler street.....	16,926	1847	14 and hall.	
Quincy street.....	Dorchester.....	16,413	1882	2	
Rice Training.....	Dartmouth street...	27,125	1869	14 and hall.	Wardroom 10 in this building.
Robert G. Shaw....	Hastings st., W. R...	40,000	1892	8 and hall.	
Robert Swan.....	Thetford ave., Dor...	29,879	1875	8	

SCHOOLHOUSES.—Continued.

NAME.	Location.	No. feet. in lot.	When built.	Number of Rooms.	Remarks.
Roger Clap.....	Harvest street, Dor..	21,548	1896	10	Portable buildings Nos. 31 and 33 on this lot.
Roger Wolcott.....	Norfolk street, Dor..	39,764	1901	15 and hall.	
Roxbury High.....	Warren street, Rox..	34,679	1891	19 and hall.	Half of building used by Girls' High School of Practical Arts. Portables 34 and 35 on this lot.
Rutland street.....	South End.....	7,850	1851	6	
Samuel Adams.....	Webster street, E. B.	40,680	1910	16 and hall.	
Samuel G. Howe....	W. Fifth street, S. B..	12,494	1874	8	
Samuel W. Mason...	Norfolk ave., Rox...	56,006	1905	14	
Sarah J. Baker.....	Perrin street, Rox...	34,484	1905	24	
Savin Hill.....	Savin Hill avenue....	20,060	1884	4	20 and com- mittee chamber.
School street.....	Egleston square.....	20,200	.....	2	
Sharp.....	Anderson street.....	5,887	1824	9	
School Committee Building.....	Mason street.....	7,184	.....	20 and com- mittee chamber.	
Sherwin.....	Madison square, Rox.,	32,040	1870	16 and hall.	Portable buildings Nos. 17, 58 and 79 on this lot.
Shurtleff.....	Dorchester street...	40,553	1869	14 and hall.	Portable building No. 72 on this lot.
Simonds.....	West Broadway.....		1840	3	On Hawes School- house lot.
Skinner.....	Fayette street.....	5,238	1870	6	Portable building No. 91 on this lot.
Smith street.....	Roxbury.....	6,952	1849	2	
Somerset street.....	Ward 6.....	6,300	1824	6	
South Boston High,	Thomas park.....	124,571	1901	26 and 2 halls.	This does not in- clude reception, teachers' or prin- cipal's room or library.
Stephen Decatur....	Sumner st., Ward 20,	33,890	1876	10 and hall.	Old Everett School- house on this lot.
Stephen M. Weld...	Seymour st., Rox...	34,266	1895	6	Portable building No. 93 on this lot.
Stoughton.....	River street, Dor....	29,725	1856	8	
Tappan.....	Lexington street, East Boston.....	11,500	1873	8	
Thomas Gardner....	Athol and Brent- wood streets.....	44,237	1905	14 and hall.	
Thomas N. Hart....	E. Fifth street.....	26,264	1889	13 and hall.	Portable buildings Nos. 86 and 87 on this lot.
Thornton street....	Roxbury.....	6,640	1847	2	
Tileston.....	Norfolk street, Dor.,	83,640	1868	8 and hall.	
Trescott.....	Tileston ave., H. P...	51,200	1901	8	
Tyler street.....	Tyler street.....	3,900	1855	6	
Wait.....	Shawmut avenue....	16,341	1860	8	
Walnut street.....	Neponset.....	22,790	1856	7	Portable building No. 8 on this lot.
Warren.....	Summer street, Ch...	14,322	1867	14 and hall.	
Washington.....	Norman street.....	24,889	1904	30	
Washington Allston,	Cambridge st., Bri...	22,000	1879	10 and hall.	Portable building No. 8 on this lot.
Washington Allston annex.....	Cambridge st., Bri...	11,477	1889	6	
Washington street, near Forest Hills Station.....	West Roxbury.....	24,010	1870	2	Portable buildings Nos. 86 and 87 on this lot.
Washington.....	Germantown.....	13,120	1863	2	
Way street.....	Way street, near Harrison avenue...	2,508	1850	3	Portable buildings Nos. 86 and 87 on this lot.
Weld.....	Highland st., H. P...	22,000	1895	2	
Wells.....	Blossom street.....	10,770	1868	12 and hall.	
Wendell Phillips...	Phillips street.....	11,190	1862	14 and hall.	
West Roxbury High,	Elm street, J. P.....	47,901	1867	26 and 2 halls.	

SCHOOLHOUSES.—*Concluded.*

NAME.	Location.	No. feet in lot.	When built.	Number of Rooms.	Remarks.
William Bacon.....	Vernon street, Rox...	17,256	1897	10	
William E. Endicott,	McLellan street, Dorchester.....	38,867	1906	10	Portable building No. 88 on this lot.
William A. Russell..	Columbia road, Dor.,	50,075	1903	18	
William Eustis.....	Roxbury.....	18,894	1861	6	
William H. Kent....	Moulton st., Ch.....	15,817	1895	6	Portable buildings Nos. 46, 47 and 81 on this lot.
William Lloyd Gar- rison.....	Hutchings st., Rox...	45,000	1910	10	One-half used as branch of Rox- bury High School.
William Wirt War- ren.....	Waverly street, Bri...	27,137	1892	8	
Williams.....	Homestead street....	26,145	1892	4	
Winchell.....	Blossom street.....	14,465	1885	18	
Winship.....	Dighton street, Bri...	34,366	1901	12	
Winthrop.....	Tremont street.....	16,100	1855	14 and hall.	
Winthrop street....	Roxbury.....	9,775	1857	4	Used by English High School.
W. L. P. Boardman,	Munroe street, Rox...	17,639	1900	8	Portable building No. 64 on this lot.
Wyman.....	Wyman street, J. P...	30,414	1892	6	

The total area of lots is 5,942,609 square feet of land.

On the following lots the buildings have been razed, but the lots of land still remain in possession of the city: Chauncey place, Charlestown, 7,410 square feet; Chestnut Hill avenue, Brighton (Old Brighton High School lot), 54,448 square feet; Union street, Brighton, 67,280 square feet. Total, 129,138 square feet.

Two automobiles used by Schoolhouse Department.

The following lots have been purchased upon which buildings are now being erected: Paris street, East Boston, 40,278 square feet; Willowood street, Dorchester, 41,052 square feet; * Magnolia street, Dorchester, 80,820 square feet. Total, 162,148 square feet.

The following lots have been purchased upon which buildings are to be erected: Frankfort street, East Boston, 44,887 square feet; Holmes avenue, Allston, 26,000 square feet; Turner street, Brighton, 40,000 square feet; Grove street, West Roxbury, 82,891 square feet; Winthrop and Greenville streets, Roxbury, 41,321 square feet; Beaumont street, Dorchester, 31,013 square feet; Washington street and Corey road, Brighton, 29,990 square feet; † Audubon road and Boylston street, 303,755 square feet. Total, 599,857 square feet.

STATUES AND MONUMENTS.

Statues of George Washington, Charles Sumner, Colonel Cass and William Ellery Channing, and Ether Monument on Public Garden; Alexander Hamilton, General Glover, William Lloyd Garrison and Leif Ericson on Commonwealth avenue; Benjamin Franklin and Josiah Quincy in front of City Hall; Samuel Adams on Adams square; John Winthrop, Marlborough street; Admiral Farragut, Marine Park; Edward Everett, Edward Everett square; Gen. Joseph Warren, Warren street, Roxbury; Emancipation Group, Park square; Soldiers' and Sailors', Crispus Attucks and Robert G. Shaw Monuments, Common; Patrick A. Collins Memorial, John Boyle O'Reilly Memorial and Johnson Memorial Fountain, Back Bay Fens; Monument on Dorchester Heights. Soldiers' Monuments: Winthrop

* Transferred from Public Works Department.

† Permission given to use for school purposes.

square, Charlestown; junction of Centre and South streets, West Roxbury; Meeting House Hill, Dorchester. Boulder and Commemorative Tablet, Belmont square, East Boston, erected by Gen. Benjamin Lincoln Chapter, D. A. R., to mark the spot where Fort Strong was located in 1814.

STREET LAYING-OUT DEPARTMENT.

Engineering Division, No. 100 Summer street. Instruments for surveying and drawing, drawing and other paper, 2 pantagraphs, 4 planimeters, 2 typewriters, books, tools, drawing boards, desks and drawing tables. In this division are 43,225 plans, besides which there are 4,285 lithographed plans, one Federal blueprinting machine No. 10 and one Everett-MacAdam blueprinting machine No. 289.

SUBWAY.

An underground roadway for street car traffic, extending —	
From the junction of Shawmut avenue and Tremont street,	Two-track
From the Public Garden, opposite Church street, to the junction of Boylston and Tremont streets	Two-track
Thence under the Common to Park street	Four-track
Thence under Tremont street to Scollay square	Two-track
Thence under Cornhill	Two-track
And under Hanover street to Washington street	Two-track
Under Adams square and Washington street to corner Hanover street	Three-track
Thence under Washington street and under and through property taken by the Boston Transit Commission for the City of Boston	Four-track
Approximate cost of subway, and alterations requested under chapter 500, Act of 1897	\$4,368,000
* Leased to the West End Street Railway Company for twenty years from September 1, 1897, at a rental of $4\frac{1}{2}$ per cent per annum of the net cost. The rental to be "not less than a sum computed by charging a toll of five cents for each passage made through the subway by a car not exceeding 25 feet in body length and a proportionate greater rate for each car of greater length."	

EAST BOSTON TUNNEL.

Single tube tunnel for street car traffic from Maverick square, East Boston, under Lewis street, across the harbor, and by way of State and Court streets to Scollay square.	Two-track
Approximate cost to January 31, 1912	\$3,300,000
* Leased December 30, 1904, for twenty-five years from June 10, 1897, to the Boston Elevated Railway Company for $\frac{3}{8}$ of 1 per cent, payable annually, of the annual gross earnings of all lines owned, leased or operated by that company. Rental began December 30, 1904.	

WASHINGTON STREET TUNNEL.

An underground roadway for elevated train service, extending,—	
From westerly side of Ash street, opposite Nassau street, to the northerly incline near Traverse street	Two-track
Approximate cost to January 31, 1912	\$8,250,000
* Leased September 25, 1902, to the Boston Elevated Railway Company for twenty-five years from the beginning of the use of the tunnel at a rental of $4\frac{1}{2}$ per cent per annum of the net cost. Rental began November 30, 1908. (Rate and terms of rental fixed by the Legislature.)	

* Under authority of chapter 741 of the Acts of 1911 these leases have been extended to a term ending not later than July 1, 1936, the rental after the expiration of the present leases to be $4\frac{1}{2}$ per cent of the cost.

CAMBRIDGE CONNECTION.

An underground roadway for train service, being the Boston end of the Cambridge Main street subway, extending from a point in the vicinity of Phillips and Grove streets to a terminal under a portion of the existing Park street station of the Tremont street subway Two-track
 Approximate cost to January 31, 1912 \$1,200,000
 Leased December 7, 1911, to the Boston Elevated Railway Company for a term ending not earlier than July 1, 1936, the rental for twenty years after the beginning of use to be $4\frac{1}{2}$ per cent on the cost; thereafter to be $4\frac{1}{2}$ per cent on the cost.

WEIGHTS AND MEASURES DEPARTMENT.

Various sets of standard weights and measures, etc., 6 horses, 7 wagons, 1 pung and 6 harnesses.

WIRE DEPARTMENT.

1 High Potential Testing Apparatus.
 1 Standard Resistance Coil with Wheatstone Bridge.
 1 Transformer.
 1 Test Board, capacity 220 volts and 300 amperes.
 1 Auxiliary Test Board, capacity 220 volts and 150 amperes.
 1 300 volt Weston Direct Current Voltmeter, No. 3,317.
 1 15 volt Weston Direct Current Voltmeter, No. 4,717.
 1 150 ampere Weston Direct Current Ammeter, No. 926.
 1 1500 volt Direct Current Voltmeter, No. 3,438.
 1 1500 mil-ampere Weston Direct Current Mil-Ammeter, No. 2,433.
 1 15 ampere Weston Direct Current Ammeter, No. 8,426.
 1 300 volt Weston Direct Current Voltmeter, No. 6,020.
 1 500 ampere Weston Direct Current Ammeter, No. 2,428.
 3 300 volt Weston Portable Direct Current Voltmeters, Nos. 15,455, 15,456 and 15,459.
 1 Electrostatic Voltmeter, No. 70,647.
 1 15 ampere A. C. Ammeter, No. 21,507.
 1 200 ampere T. & H. A. C. Ammeter (Portable), No. 29,421.
 1 300 volt Standard Portable Alternating and Direct Current Voltmeter, No. 1,044.
 1 Reflecting Galvanometer, Condenser, Telescope, Scales, etc.
 1 Bichloride of Silver Battery, 150 cell.
 4 Bichloride of Silver Batteries, each 60 cell.
 1 Queen Testing Set, No. 389.
 1 56 ampere Weston Direct Current Ammeter, No. 2,381.
 1 Set Standard Resistance Coils.
 1 Generator, 50,000 ohms.
 1 Discharge Key.
 1 Reversing Key.
 1 Lamp Stand and Scale.
 1 Shunt Coil.
 1 Set Double Connector Posts.
 2 Automobiles.
 2 Horses.
 2 Express Wagons.
 2 Business Wagons.
 4 Harnesses.
 5 Robes.
 7 Blankets.
 2 Cameras (complete).
 Miscellaneous tools used in connection with overhead construction.
 Draughting Instruments.

TRUST FUNDS.

BABCOCK MUSIC FUND.

By the will of ARCHIBALD BABCOCK, who died August 10, 1862, the sum of \$3,000 was bequeathed to the City of Charlestown, and accepted by the City Council of that city, November, 1862, upon the conditions and for the purposes expressed by him in his last will and testament.

"The income to be annually expended in procuring the services of musicians, or of a band or bands of musicians, to perform in public in the City of Charlestown, within its present limits, free to all citizens, one-half of said income to be annually expended in procuring musicians, or band or bands of musicians, to play on or near the small common, at the 'Neck,' so called, at the corner of Main and Cambridge streets, preference to be given to citizens of Charlestown, due regard being had as to ability and quality."

Deposits in the Charlestown Five Cents Savings Bank		\$3,000 00	
Interest received 1911-12.....	\$125 62	Expended, 1911-12.....	\$125 62
Deposit, February 1, 1911....	3,000 00	Deposit, January 31, 1912....	3,000 00
	<u>\$3,125 62</u>		<u>\$3,125 62</u>

BOSTON COMMON TREE FUND

By the will of CHARLES E. FRENCH the sum of \$5,000 was given to the City of Boston, in trust, to be invested in City of Boston Bonds, the income to be devoted to the care of the oldest and largest trees on Boston Common, to preserve them from the woodman's axe. Accepted by the City Council April 27, 1907.

Invested in City of Boston Four per cent Bond		\$5,000 00	
Interest received, 1911-12....	\$200 00	Expended, 1911-12.....	\$200 00
Investment, February 1, 1911,	5,000 00	Investment, January 31, 1912,	5,000 00
	<u>\$5,200 00</u>		<u>\$5,200 00</u>

BOSTON FIREMEN'S RELIEF FUND.

By Chapter 308 of the Acts of 1909, the Fire Commissioner of the City of Boston for the time being and his successors in office, and twelve members of the Fire Department of the City of Boston, to be chosen as hereinafter provided, and their successors, shall constitute a body corporate for the purpose of receiving and holding all sums of money and real and personal estate not exceeding in the aggregate four hundred thousand dollars, which may be given, granted, bequeathed or devised to it for the benefit of members of the Boston Fire Department and members of the Boston Protective Department or their families requiring assistance, or for the benefit of any persons, or the families of any persons, who have been such members, and who require assistance. The property so held and the corporation hereby created shall be known as the Boston Firemen's Relief Fund. The said corporation shall have authority to manage and dispose of the said fund and the income thereof, according to its discretion, subject to the provisions of any trusts which may be created for the purpose aforesaid.

President, Fire Commissioner Charles D. Daly; Treasurer, John Williams; Secretary, Daniel W. Mahoney.

The following was the condition of the fund, January 31, 1912:

City of Boston Three and one-half per cent Bonds	\$130,000 00
City of Boston Four per cent Bonds	88,000 00
Chicago, Burlington & Quincy Railroad, Nebraska Division, Four per cent Bonds	8,000 00
Cash on hand	2,964 99
	<u>\$228,964 99</u>

	Cash.	Securities.	Total.
February 1, 1911.....	\$1,580 06	\$219,000 00	\$220,580 06
January 31, 1912.....	2,964 99	226,000 00	228,964 99

RECEIPTS.		PAYMENTS.	
Discount on Investments purchased.....	\$662 58	Investments purchased.....	\$13,000 00
Interest and income earned....	8,507 93	Administration expenses.....	708 25
Annual ball.....	14,994 62	Benefits.....	15,211 59
Investment matured.....	6,000 00	Hospitals.....	600 00
Donations.....	580 00	Auditing accounts.....	129 17
Miscellaneous.....	288 81	Cash, January 31, 1912.....	2,964 99
Cash, February 1, 1911.....	1,580 06		
	<u>\$32,614 00</u>		<u>\$32,614 00</u>

CEMETERY TRUST FUNDS.

Amounts paid by the owners of lots, the income from which is to be expended by the Board of Cemetery Trustees for the perpetual care of lots:

Dorchester North Burial Ground Trust Fund.— Invested in:

City of Boston Four per cent Bonds	\$1,650 00
City of Boston Three and one-half per cent Bonds	2,550 00
City of Boston Three per cent Bonds	300 00
Cash in City Treasury, January 31, 1912	135 00
	<u>\$4,635 00</u>

Dorchester South Cemetery Trust Fund.— Invested in:

City of Boston Four per cent Bonds	\$400 00
City of Boston Three and one-half per cent Bond	300 00
City of Boston Three per cent Bonds	250 00
Cash in City Treasury, January 31, 1912	364 50
	<u>\$1,314 50</u>

Evergreen Cemetery Trust Fund.— Invested in:

City of Boston Four per cent Bonds	\$5,400 00
City of Boston Three and one-half per cent Bonds	10,550 00
City of Boston Three per cent Bonds	2,250 00
Cash in City Treasury, January 31, 1912	381 81
	<u>\$18,581 81</u>

Mount Hope Cemetery Trust Fund.— Invested in:

City of Boston Four per cent Bonds	\$53,425 00
City of Boston Three and one-half per cent Bonds	47,901 00
City of Boston Three per cent Bonds	12,250 00
Cash in City Treasury, January 31, 1912	1,574 82
	<u>\$115,150 82</u>

Charles E. French, Burial Grounds Care Fund.— Bequest of Charles E French, income to be expended in the care of the Granary, King's Chapel, Boston Common and Copp's Hill Burial Grounds. Accepted by the City Council, April 27, 1907.

Invested in City of Boston Four per cent Bond \$10,000 00

Westerly Cemetery Trust Fund.— Bequest of Robert Charles Billings, the income to be used for the care and improvement of Westerly Cemetery.

Invested in City of Boston Three and one-half per cent Bond, \$5,000 00

FAIRVIEW CEMETERY AUGUSTA HALL FUND.

Amount received from Treasurer of Town of Hyde Park for perpetual care of lot.

Cash in City Treasury \$170 00

RECAPITULATION OF CEMETERY TRUST FUNDS.

Dorchester North Burial Ground Trust Fund	\$4,635 00
Dorchester South Cemetery Trust Fund	1,314 50
Evergreen Cemetery Trust Fund	18,581 81
Mount Hope Cemetery Trust Fund	115,150 82
Charles E. French Burial Grounds Trust Fund	10,000 00
Westerly Cemetery Trust Fund	5,000 00
Fairview Cemetery Augusta Hall Fund	170 00
	<u>\$154,852 13</u>

	Cash.	Securities.	Total.
February 1, 1911.....	\$413 13	\$148,026 00	\$148,439 13
January 31, 1912.....	2,456 13	152,226 00	154,682 13

RECEIPTS.		PAYMENTS.	
Interest and income earned...	\$5,504 07	Investments purchased.....	\$5,200 00
Principal.....	6,243 00	Care of lots.....	5,504 07
Investment matured.....	1,000 00	Cash, January 31, 1912.....	2,456 13
Cash, February 1, 1911.....	413 13		
	<u>\$13,160 20</u>		<u>\$13,160 20</u>

CHARLESTOWN POOR'S FUND.

Various bequests made by Richard Russell, May, 1674; Richard Sprague, will dated October 5, 1703; Thomas Call, will dated January, 1772; Richard Devens, 1825; David Goodwin, March, 1826; Thomas Miller, April 2, 1833; Catherine Bradish, September, 1836; Daniel White, 1864; James K. Frothingham, 1864; Jacob Foss, 1865; Simeon A. R. DeWolf, 1865; Reuben Hunt, 1866; Susan Nichols, 1892; Nathan A. Tufts, 1906, — for the benefit of the poor of Charlestown. By an Act of the Legislature,

passed in 1825, the Board of Trust was composed of the selectmen of Charlestown *and the two senior deacons from each church*, for the time being, and their successors in said office. By a subsequent ruling of court this act was considered as including the two wardens of each Episcopal church. By act of annexation the members of the City Council, for the time being, residing in the Charlestown District, together with the senior deacons of the Protestant churches of Charlestown, now constitute the Board of Trustees.

Invested in:

City of Boston Four per cent Bond	\$20,000 00
Deposits in savings banks	5,774 27
Thirty-six shares Merrimack Manufacturing Company, par value	3,600 00
Eight shares Lawrence Manufacturing Company, par value	800 00
Fourteen shares Pepperell Manufacturing Company, par value	1,400 00
Ten shares Tremont and Suffolk Mills, par value	1,000 00
First mortgage real estate	1,400 00
	<u>\$33,974 27</u>

GARDNER BATES, *Treasurer.*

CITY HOSPITAL FUNDS.

BALL FUND.—Bequest of the late JONAS BALL, the interest of which is to furnish clothing to indigent persons when leaving the hospital.

Invested in City of Boston Four per cent Bond \$1,000 00

BOLTON FUND.—A legacy of the late WILLIAM T. BOLTON, of Chelsea, to be known as the "Bolton Fund," the income to be expended for the benefit of free beds in the Boston City Hospital.

Invested in City of Boston Three and one-half per cent Bond, \$500 00

HERBERT L. BURRELL ÉTHER PRIZE FUND.—A gift of Mr. TOWNSEND WILLIAM THORNDIKE for the following purposes:

"I hereby give to the Trustees of the Boston City Hospital the sum of one thousand dollars to found the 'HERBERT L. BURRELL ÉTHER PRIZE FUND.' From the interest of this fund I desire that money prizes shall be given semi-annually to the surgical house officer who administers ether or other anæsthetic in the most skillful and humane manner. Only surgical house officers of the Boston City Hospital shall be eligible to compete. The award is to be made by three judges, these to be appointed by the senior surgeon and the superintendent of the hospital.

"In case no house officer is considered worthy of the prize, the interest shall be added to the principal. Should the principal increase to such an amount as shall be considered sufficient to warrant the offering of a second prize of a lesser amount such second prize shall be established, and shall be known as the 'WILLIAM H. THORNDIKE ÉTHER PRIZE FUND.'

"The sixteenth day of October being the anniversary of the discovery of anæsthesia, that date shall be one of the days on which a prize is to be awarded."

Invested in City of Boston Four per cent Bond \$1,000 00

CARTER FUND.—A gift to the Trustees of the Boston City Hospital in trust, to be known as the "MARTHA HOWARD THURSTON CARTER FUND," the interest of which is to be expended for books for the benefit of the nurses connected with the hospital.

Invested in Four per cent Collateral Bonds of \$1,000 each
of the American Telephone and Telegraph Company . . . \$2,000 00

CHEEVER FUND.— Donation by Dr. DAVID W. CHEEVER, accepted by the Trustees March 20, 1889, the income of which is to be expended as per following extract from his letter:

"To purchase and present to each house surgeon when his term of service expires a small case (pocket case) of surgical instruments as a gift from me."

Invested in City of Boston Four per cent Bonds . . . \$3,000 00

COLLINS FUND.— Presented by the Committee of the Patrick A. Collins Memorial Fund, June 3, 1909, and June 24, 1910, \$2,407.16, to be applied as follows:

One thousand nine hundred and seven dollars and sixteen cents for the purchase of bookcases and books for a library to be known as the "PATRICK A. COLLINS MEMORIAL LIBRARY" and \$500 to be deposited with the City Treasurer of the City of Boston, and invested according to the ordinances of the city, to constitute a special fund to be known as the "PATRICK A. COLLINS MEMORIAL LIBRARY FUND," the interest of which shall be annually expended in perpetuity by the Trustees for new books for the use of hospital patients, and for the replacing of those that have become either damaged, lost or destroyed.

Invested in City of Boston Four per cent Bond . . . \$500 00

Amount received for bookcases and books . . . \$1,907 16
Interest received to January 31, 1912 . . . 104 03

Amount expended to January 31, 1912 . . . \$2,011 19
893 58

Cash in City Treasury January 31, 1912, . . . \$1,117 61

SILAS DURKEE FUND.— Bequest of SILAS DURKEE. Extract from his will: "All the rest and residue of my estate and property I give, devise, and bequeath to the City of Boston to have and to hold the same to said City of Boston and its successors in trust for the benefit of the Boston City Hospital forever."

Invested in City of Boston Three per cent Bond . . . \$15,050 00

DANIEL SHARP FORD FUND.— A bequest of DANIEL SHARP FORD to the Boston City Hospital.

Invested in City of Boston Three per cent Bond . . . \$6,000 00

GOODNOW FUND.— A bequest of ELISHA GOODNOW, of South Boston, who died in 1851. By his will the city came into possession of certain real estate on Cross street and Third street for the purpose of establishing a hospital for the sick, one-half of said funds to be applied for the establishment and maintenance of free beds, which should always be at the disposal and under the control of the officers of the government of said hospital for the time being. The proceeds of the sale of these estates and accumulated interest are invested in

City of Boston Three and one-half per cent Bond . . . \$1,000 00
City of Boston Four per cent Bonds . . . 25,000 00
\$26,000 00

GOODNOW LIBRARY FUND.—Donation of GEORGE GOODNOW, the interest of which is to be expended annually by the Board of Trustees in replenishing the library of the hospital with books and pamphlets suitable for reading for the patients during convalescence.

Invested in City of Boston Four per cent Bond \$1,000 00

HEMENWAY FUND.—Donation of ELLEN L. HEMENWAY, the same being for the support of a free bed in the City Hospital in memory of her late husband, Charles P. Hemenway.

Invested in City of Boston Four per cent Bond \$5,000 00

NICHOLS FUND.—Bequest of LAWRENCE NICHOLS, who died in September, 1862, of \$1,000, less internal revenue tax, "towards the establishment and endowment of a City Hospital," and from the executor of the will as a residuary legatee, \$550.30. These amounts and accumulated interest were invested in

City of Boston Four per cent Bonds \$2,000 00

NORCROSS FUND.—Donation of OTIS NORCROSS, late Mayor of the city, the interest of which is to furnish clothing to indigent patients when leaving the hospital.

Invested in City of Boston Four per cent Bond \$2,000 00

PERKINS FUND.—Bequest of the late MARY G. PERKINS, the income of which is to be expended for Medical Library, and artificial limbs and surgical appliances for the use of patients leaving the hospital.

Invested in City of Boston Four per cent Bond \$7,500 00

SHAW FUND.—Bequest of the late MARY LOUISA SHAW, the income of which is to be expended by the Trustees for the purchase of flowers and fruit for the use and comfort of patients in the hospital.

Invested in City of Boston Three and one-half per cent Bond \$2,000 00

SHUMAN FUND.—A gift from the daughters, sons and sons-in-law of the late Mrs. ABRAHAM SHUMAN, to constitute a special fund, to be known as the "Hettie Lang Shuman Memorial Library Fund," the interest of which shall be annually expended in perpetuity by the Trustees for new books for the use of hospital patients, and for the replacing of volumes that have become either damaged, lost or destroyed.

Invested in City of Boston Three and one-half per cent Bond, \$2,000 00

RECAPITULATION OF CITY HOSPITAL TRUST FUNDS.

Ball Fund	\$1,000 00
Bolton Fund	500 00
Herbert L. Burrell Ether Prize Fund	1,000 00
Carter Fund	2,000 00
Cheever Fund	3,000 00
Collins Fund	500 00
Silas Durkee Fund	15,050 00
Daniel Sharp Ford Fund	6,000 00
Goodnow Fund	26,000 00
Goodnow Library Fund	1,000 00
Hemenway Fund	5,000 00
Nichols Fund	2,000 00
Norcross Fund	2,000 00
Perkins Fund	7,500 00
Shaw Fund	2,000 00
Shuman Fund	2,000 00
	<u>\$76,550 00</u>

In addition to the above there have been received the following funds used for the purposes stated:

ANN WHITE VOSE FUND.—From the Trustees under the will of ANN WHITE VOSE, for the erection of a building for hospital purposes.

Amount of bequest	\$100,000 00
Interest received on same	3,984 79

Amount expended for the erection of Ann White Vose building	<u>\$103,984 79</u>
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WYMAN BUILDING FUND.—A bequest of the late THOMAS T. WYMAN, to be used as the Trustees shall deem to be for the best interest of the institution. It was voted by the Trustees that the fund be known as the "WYMAN BUILDING FUND."

Amount of bequest	\$120,070 40
Interest received on same	5,428 28

Amount expended for building a kitchen at City Hospital	\$26,619 54
Amount expended for Relief and Ambulance Station, Haymarket Square	98,873 69
	<u>125,493 23</u>

Cash in City Treasury, January 31, 1912	<u>\$5 45</u>
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LAMONT G. BURNHAM WARD FUND.—Bequest of LAMONT G. BURNHAM, to construct and equip upon the hospital grounds a building to be known as the LAMONT G. BURNHAM WARD, for such uses and purposes as the Trustees of said hospital shall, in their discretion, determine.

Amount of bequest	\$150,000 00
Interest on same to date of payment	3,750 00

	\$153,750 00
Interest received on same	13,445 14

Expended according to bequest	<u>\$167,195 14</u>
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ANN E. TAGGARD BEQUEST.—Bequest of ANN E. TAGGARD, for the sole purpose of establishing and maintaining an emergency hospital in East Boston for the benefit of said East Boston.

Amount of bequest	<u>\$11,465 35</u>
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Expended toward establishing emergency hospital, East Boston.

SCREEN FUND.—A check of "E. S. C." on Bay State Trust Company for \$1,000, dated August 23, 1898, to be placed to the credit of the Boston City Hospital "Screen Fund," the same being a gift to the hospital to be drawn upon by the Trustees for furnishing the hospital with window screens. This amount has been expended according to the wishes of the donor.

MORRIS LOUIS FUND.—A bequest of MORRIS LOUIS of \$250. This amount has been expended for furniture for the City Hospital.

BRADLEY FUND.—A gift of Miss ABBY A. BRADLEY in 1908 of \$850 as a memorial of her nephew, Robert Stow Bradley, Jr.

This amount was expended as requested by her for investigation upon the contagiousness of typhoid fever patients at the time of their discharge from the Boston City Hospital.

FITZGERALD FIREMEN'S GOLD MEDAL FUND.

Bequest of JOHN E. FITZGERALD, the income to be collected by the City Treasurer and paid annually to the Fire Commissioner, to be used yearly in buying a gold medal to be presented to the fireman who, in the judgment of the Fire Commissioner, had performed the most meritorious act and whose conduct has called for special mention.

Invested in registered certificate of indebtedness of the Commonwealth of Massachusetts, due January 1, 1941, interest at three per cent per annum \$1,000 00

THOMAS FITZGERALD FUND.

A gift of one thousand dollars (\$1,000) for the benefit of the City of Boston, made by his Honor Mayor JOHN F. FITZGERALD, and accepted by the Board of Managers of the Franklin Fund, October 19, 1906, to be held by them and their successors under the following conditions:

1. It is to be invested and reinvested from time to time for one hundred years in such investments as men of prudence, discretion and intelligence invest their own money, having due regard both for the probable income from, and the probable safety of, the money invested.

2. At the end of one hundred years the fund then accumulated shall be expended by the managers of the Franklin Fund or their successors for some public purpose of use to the citizens of Boston.

3. The fund shall be known as the "Thomas Fitzgerald Fund," in honor of the father of Mayor John F. Fitzgerald, and the gift which shall inure to the City of Boston at the end of the period of one hundred years shall have the same name.

January 31, 1912, the fund consisted of:

City of Boston Four per cent Bond	\$1,000 00
Deposit in Suffolk Savings Bank	188 36
	<u>\$1,188 36</u>

FOSS SEVENTEENTH OF JUNE AND FLAG FUNDS.

The City Council of the City of Charlestown, in August, 1866, accepted the bequest made in the will of the late JACOB FOSS, who died in Charlestown June 2, 1866, the income of which is to be expended for the following purposes:

Celebrating the anniversary of the Battle of Bunker Hill, for either or all of the following purposes, viz.: "*Ringing the bells, firing salutes, music, or decorating the streets.*"

Invested in City of Boston Four per cent Bond \$2,000 00

Purchasing "United States flags for the use of the City of Charlestown, the flags so purchased to be used on all proper occasions, so that not more than two years' purchase shall be on hand at any time."

Invested in City of Boston Four per cent Bond \$2,000 00

Interest received 1911-12.	\$160 00	Expended 1911-12.	\$122 40
Cash February 1, 1911.	109 70	Cash January 31, 1912.	147 30
	<u>\$269 70</u>		<u>\$269 70</u>

FRANKLIN FUND.

This fund has resulted from a bequest to the "Inhabitants of the Town of Boston, in Massachusetts," made by BENJAMIN FRANKLIN in a codicil to his will (see Suffolk Probate Records, book 712, page 1). The said codicil provided that the fund, "if accepted by the inhabitants of the Town of Boston," should be managed "under the direction of the Select Men

united with the Ministers of the oldest Episcopalian, Congregational and Presbyterian Churches in that Town," who were to loan upon certain stated conditions portions of the said fund, at 5 per cent interest, "to such young married artificers, under the age of 25 years, as have served an Apprenticeship in the said Town; and faithfully fulfilled the Duties required in their Indentures, so as to obtain a good moral Character from at least two respectable Citizens, who are willing to become their Sureties in a Bond."

The fund was accepted by the Town at a Town meeting held May 25, 1790 (Franklin having died April 17, 1790), and the "Donation" was paid to persons acting as managers in 1791.

Franklin's codicil provided that at the end of 100 years the managers should reserve $\frac{1}{31}$ of the amount which Franklin estimated would have accumulated by that time, this amount to continue "to be let out on interest in the manner above directed for another hundred years," and that they should spend $\frac{100}{31}$ of the fund which had by that time accumulated "in Public Works which may be judged of most general utility to the inhabitants such as Fortifications, Bridges, Aqueducts, Public Buildings, Baths, Pavements or whatever may make living in the Town more convenient to its People and render it more agreeable to strangers resorting thither for Health or a temporary residence."

The first period of 100 years expired May 2, 1891, but a suit brought by the heirs of Franklin temporarily prevented the expenditure of this portion of the fund for the purposes specified, and it was not until January 17, 1894, that the treasurer of the fund, Mr. Samuel F. McCleary, by direction of the ministers of the three churches named in the codicil and the Board of Aldermen of the City of Boston, which Board had been assumed to be the successors of the "Select Men," paid to the City Treasurer \$329,300.48 ($\frac{100}{31}$ of the fund); and the said persons voted that this amount be expended "in the purchase of land and for the erection thereon of the Franklin Trades School and for the equipment of the same." The fund was not, however, expended for that purpose, certain suits having been brought to have the courts determine who were in fact managers of said fund; and it was finally decided (see *Collins vs. Doyle*, 184 Mass. 373) that the "selectmen while in the performance of their duties as managers were not acting as public officers of the town," and that the members of the Board of Aldermen "did not become their successors as managers of the Franklin Fund"; and by virtue of a final decree made by Justice William C. Loring of the Supreme Judicial Court on March 16, 1904, nine persons (of whom the Mayor of Boston is, *ex officio*, one) were appointed to act in conjunction with the ministers of the three churches as managers of the said fund. The managers are the rector of Christ Church, the ministers of the First Church in Boston and the First United Presbyterian Church, John F. Fitzgerald, Mayor of Boston (*ex officio*), Richard Olney (*Chairman*), William Endicott, Nathan Matthews, Charles T. Gallagher, James J. Storrow (*Secretary*), John A. Sullivan and George F. Swain.

From the accumulated fund there has been expended by the managers \$402,718.52 on account of the construction and equipment of a building at the corner of Appleton and Berkeley streets, known as the Franklin Union, and containing a hall capable of seating 1,000, 24 class rooms and 6 draughting rooms. The object of the institution is to afford people working at a trade an opportunity to increase their knowledge and improve their condition. The land on which the building stands was purchased by the City of Boston for \$100,000.

The balance of the fund, which was retained by the treasurer,—and which the codicil provides shall remain invested until 1991, when it will be divided between the City of Boston and the Commonwealth of Massachusetts, in the proportions specified in the bequest,—was, at the request of the managers of the fund, turned over to the City Treasurer on October 20, 1904, it having been voted by the managers that the Treasurer of the City of Boston for the time being act as the treasurer of both the accumulated and the accumulating funds.

The accumulated fund (the fund available for expenditure) was on January 31, 1912 as follows:

	Cash.	Securities.	Total.
February 1, 1911.....	\$7,574 91	\$22,000 00	\$29,574 91
January 31, 1912.....	9,632 18	12,000 00	21,632 18

RECEIPTS.		PAYMENTS.	
Sale of securities.....	\$10,000 00	Discount on securities sold...	\$739 00
Accrued interest.....	14 58	Expended for equipment.....	8,092 02
Interest and income.....	873 71	Cash January 31, 1912.....	9,632 18
Cash February 1, 1911.....	7,574 91		
	<u>\$18,463 20</u>		<u>\$18,463 20</u>

The accumulating fund January 31, 1912, amounted to as follows:

Deposits in Massachusetts Hospital Life Insurance Com- pany Policy, A-2.....	\$201,198 99
Policy, A-3.....	5,984 65
Policy, O-100.....	1,714 50
	<u>\$208,898 14</u>

FRANKLIN UNION.

On December 2, 1905, the City Treasurer received from Mr. ANDREW CARNEGIE \$408,396.48, said sum being the amount of the Franklin Fund, August, 1904, which Mr. Carnegie agreed to duplicate. This amount was made up as follows:

Five per cent bonds of the United States Steel Corporation, due April 1, 1951.....	\$408,000 00
Cash, now on deposit in Suffolk Savings Bank.....	396 48
	<u>\$408,396 48</u>

From the income of the fund there has been purchased

\$54,000 of City of Boston Bonds as follows:	
\$26,000 Four per cent Bonds.....	26,000 00
\$28,000 Three and one-half per cent Bonds, cost.....	26,082 00
	<u>\$460,478 48</u>

The income from this fund is used to pay the expenses of the Franklin Union.

	Cash.	Securities.	Total.
February 1, 1911.....	\$6,473 74	\$460,478 48	\$466,952 22
January 31, 1912.....	15,397 58	460,478 48	475,876 06

RECEIPTS.		PAYMENTS.	
Interest on investments.....	\$22,420 00	Expenses of Franklin Union...	\$29,504 93
Savings Bank interest.....	13 98	Cash January 31, 1912.....	15,397 58
Interest on bank deposit.....	313 04		
Tuition, rents, etc.....	15,681 75		
Cash February 1, 1911.....	6,473 74		
	<u>\$44,902 51</u>		<u>\$44,902 51</u>

GEORGE B. HYDE BEQUEST.

Amount received from executor of estate of GEORGE B. HYDE, being a legacy from said GEORGE B. HYDE, for the purpose of erecting a statue of Rufus Choate, and providing a suitable pedestal and foundation for the same. The amount of legacy, fourteen thousand dollars with the income thereof, by order of the City Council of 1894, to be invested, and, on order of the Mayor, to be applied to the purchase and erection of said statue.

Amount of legacy	\$14,000 00
Interest on bonds and premium on bonds sold to January 31, 1912	4,795 95
	\$18,795 95
Paid for statue	14,000 00
Balance:	
Invested in City of Boston Four per cent Bonds for \$2,000 00	
Cash in City Treasury, January 31, 1912	2,795 95
	<u>\$4,795 95</u>

JOHN FOSTER TRUST FUND.

This is a bequest of the late JOHN FOSTER of this city, accepted by the City Council, October 12, 1898, and it was

Ordered, That the Board of Art Commissioners, with the approval of the Mayor, be and hereby is authorized to procure a monumental statue of the late Rev. William Ellery Channing, and to cause said statue, with a canopy over the same, to be erected in the Public Garden, opposite the Arlington Street Church.

Ordered, That the Treasurer hold, invest and reinvest said sum, and use the same, with the income thereof, to meet the expenses incurred by said Commissioners under the above order, and pay any balance remaining of said sum and interest, after paying said expenses, to the executors of the will of the late John Foster, or their successors in said office.

Amount of bequest	\$30,000 00
Interest received to January 31, 1912	2,814 76
	\$32,814 76
Expenditures to date	32,322 50
Cash in City Treasury, January 31, 1912	<u>\$492 26</u>

ELLEN C. JOHNSON BEQUEST.

This is a bequest of the late ELLEN C. JOHNSON, accepted by the City Council, April 2, 1902, and it was

Ordered, That the legacy contained in the will of Ellen C. Johnson of the residue of her estate to the City of Boston for the construction and erection of a drinking fountain be and is hereby accepted, the same to be held and disposed of in accordance with the provisions of her will; that the City Treasurer be authorized on behalf of the city to accept and receipt to the executrix of said will for said legacy; and that the amount of said legacy be hereby appropriated for constructing and erecting said drinking fountain according to provisions of said will, in accordance with such plans and in such place as the executrix may designate, provided that the same be approved by the Mayor and the Board of Art Commissioners.

Amount of bequest and interest	\$29,797 86
Expenditures to January 31, 1912	25,551 24
<i>Carried forward,</i>	<u>\$4,246 62</u>

<i>Brought forward,</i>		\$4,246 62
Balance:		
Invested in City of Boston Three and one-half		
per cent Bond	\$3,000 00	
Cash in City Treasury, January 31, 1912	1,246 62	
		<u>\$4,246 62</u>

JOHN LARKIN FUND.

Bequest of JOHN LARKIN, under will dated September 22, 1807, to the Town of Charlestown:

"I give twenty shares in the bank aforesaid to the Town of Charlestown, the interest and profits of said twenty shares to be disposed of from time to time for the relief of the poor of said town, at the discretion of the minister or ministers and deacons of the First Church of Christ in said town for the time being."

Twenty shares of the Union Bank, now the National Union Bank, Boston, par value \$10 each, were later exchanged for two shares, par value \$100 each	<u>\$200 00</u>
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Interest received 1911-12	<u>\$16 00</u>		Expended, relief of poor	<u>\$16 00</u>
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OLD STATE HOUSE REPAIR FUND.

By the will of CHARLES E. FRENCH the sum of \$3,000 was given to the City of Boston in trust, to be invested in City of Boston Bonds, the income to be devoted to repairs (but not improvements) in the Old State House. Should it ever be found necessary to relocate the structure (not by demolition or pulling apart, but by removing the structure on rollers) to Atlantic avenue or other locality, this fund to continue after such removal. Accepted by the City Council, April 27, 1907.

Invested in City of Boston Four per cent Bond	<u>\$3,000 00</u>
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Interest received 1911-12	<u>\$120 00</u>		Expended 1911-12	<u>\$120 00</u>
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OVERSEERS OF THE POOR FUNDS.

Trust Funds in the hands of the Overseers of the Poor, William P. Fowler, *Chairman*, Richard C. Humphreys, *Treasurer*:

BOYLSTON FUNDS.—These funds were from a bequest by JOHN BOYLSTON, who died in London. His will was proved June 12, 1795. One portion of the bequests is ordered to be paid "Poor and decayed householders of the Town of Boston," "not under fifty years of age," "persons of good character, and reduced by the act of Providence, not by indolence, extravagance, or other vice." The other portion to be applied to "nurture and instruction of Poor Orphans and Deserted Children of the Town of Boston, until fourteen years of age."

Amount of the Boylston Relief Fund, January 31, 1912:

Investments	\$37,300 00
Cash	450 69
	<u>\$37,750 69</u>

Amount of the Boylston Education Fund, January 31, 1912:

Investments	\$158,710 00
Cash	1,984 89
	<u>\$160,694 89</u>

LUCY BULLMAN CHARITY.—Consists of an estate on Cambridge and Joy streets in this city, which came into possession of the City of Boston in 1872, in accordance with the will of LUCY BULLMAN, proved at Probate Court, Suffolk County, January 9, 1832, in which it is provided that, upon

the death of certain persons therein named, said estate is given to the City of Boston upon condition that the estate never be sold, but the income used for the benefit of the poor. The estate is valued at about \$10,300. Amount of fund, January 31, 1912:

Investments	\$34,250 00
Cash	258 15
	<u>\$34,508 15</u>

By a vote of the City Council, approved by the Mayor, January 4, 1873, this estate was placed in charge of the Overseers of the Poor.

DEXTER FUND.—Was a bequest of SAMUEL DEXTER, by will dated May 7, 1811, for supplying firewood or coal to such objects of charity as are not supported in the almshouse, though sometimes relieved by the Overseers of the Poor. Amount of fund, January 31, 1912:

Investments	\$7,100 00
Cash	376 61
	<u>\$7,476 61</u>

GOODNOW FUND.—A bequest of ELISHA GOODNOW, "to be invested and the income applied forever to and for the relief, assistance and support of the poor, sick, and infirm in said city, not supported by the said city in its almshouse, in such manner as the said city, or the government or officers thereof, may deem most judicious, but without reference to the religious faith or belief of those who may apply for or need the assistance from this fund." Invested in City of Boston bonds. Amount of fund, January 31, 1912:

Investments	\$10,250 00
Cash	311 56
	<u>\$10,561 56</u>

HOLTON PROTESTANT PAUPER FUND.—Legacy left to the town of Brighton by the late JAMES HOLTON for the purpose of furnishing good and plentiful meals to the Protestant paupers of Brighton on Thanksgiving Day or other holidays. Invested in City of Boston bonds. Amount of fund, January 31, 1912:

Investments	\$5,250 00
Cash	377 01
	<u>\$5,627 01</u>

HOLTON PROTESTANT POOR FUND.—Legacy left to the town of Brighton by the late JAMES HOLTON in 1863; will probated June 9, 1863. Income to be expended in purchasing and distributing provisions among poor and indigent Protestant families in said town of Brighton on Thanksgiving and other holidays, or just previous to such holidays. Unmarried Protestant females to receive a liberal share. Amount of fund, January 31, 1912:

Invested in City of Boston Bond	<u>\$1,500 00</u>
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MOSES HUNT FUND FOR THE DESTITUTE.—"Income to be devoted to the relief and welfare of Protestant destitute residents of that part of said Boston which was Charlestown." Invested in City of Boston bonds.

Amount of fund, January 31, 1912	<u>\$11,250 00</u>
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JEFFRIES FUND.—Was a bequest of DAVID JEFFRIES, former Town Treasurer. Will dated January, 1786. Income to be applied to the purchase of tea and coffee, chocolate and sugar, for the refreshment of those persons who, in the Providence of God, are or shall be obliged to seek refuge in the almshouse, after having lived reputably, but always giving preference to the pious poor. Amount of fund, January 31, 1912:

Investments	\$10,250 00
Cash	120 53
	<u>\$10,370 53</u>

MASON FUND.—Was a bequest of JONATHAN MASON, by will dated July 15, 1798. Interest to be paid annually to the Chaplain of the almshouse or workhouse. Interest to be added until one is appointed. The interest is now paid annually toward the salaries of the Chaplains of the House of Correction and the Almshouse, Long Island. Amount of fund, January 31, 1912:

Investments	\$9,150 00
Cash	271 28
	<u>\$9,421 28</u>

PEMBERTON FUND.—This fund comprises bequests and gifts made to the City of Boston, from 1760 to the present time, from "A.B.," Daniel Oliver, Margaret Blackader, Alice Quick, Annie Wheelwright, Mary Ireland, Benjamin Pemberton, Martha Stevens, Mrs. H. Driscoll, William Broad, Samuel Eliot, John Coffin Jones, Mary Belknap, "A Citizen of Boston," Anonymous, Dr. Harriot K. Hunt, George Higginson, Walter E. Hawes, William B. Spooner, Matilda Goddard, Rebecca A. Goddard, and Richard C. Humphreys. The most important, however, of the bequests was from BENJAMIN PEMBERTON, whose will was proved June 25, 1782, and for that reason his name has been given to the fund. The income of this fund is to be expended, at the discretion of the Overseers, in semi-annual payments to the poor of this city. The amount of this fund, January 31, 1912:

Investments	\$169,955 00
Cash	1,617 06
	<u>\$171,572 06</u>

PIERCE FUEL FUND.—Legacy left to the City of Charlestown by the late CALEB PIERCE, who died September 7, 1860, and which was accepted by the Charlestown City Council, May, 1861. Income to be expended in purchasing fuel for indigent widows, whose husbands had resided in Charlestown at least one year before their decease, said widows still continuing to reside in Charlestown. Amount of fund, January 31, 1912:

Investments	\$1,500 00
Cash	183 43
	<u>\$1,683 43</u>

DAVID SEARS CHARITY.—This is a fund contributed by the late DAVID SEARS for the relief of the poor. Amount of fund, January 31, 1912.

\$347,866 32

RACHAEL T. STEVENS FUND.—A bequest of RACHAEL T. STEVENS. The net income is to be paid (after the death of a person named in will) "for the support and maintenance of poor worthy Protestant single women of Boston, who have arrived at the age of fifty years (not including widows), paying to each of such women during her life the sum of one

hundred dollars in semi-annual payments. Upon the marriage of any beneficiary under this will, no further payment of money is to be made to her, nor is any further payment of income to be made to any beneficiary who becomes unworthy of help under this trust." Amount of fund, January 31, 1912:

Investments	\$6,200 00
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STOUGHTON POOR FUND.—Bequest of Lieut.-Gov. WILLIAM STOUGHTON, who died July 7, 1701. By his will he gave £50 to the relief of the poor of Dorchester, to be improved by the care of the Selectmen, and the income to be distributed to the most needy inhabitants. Invested in City of Boston bonds: Amount of fund, January 31, 1912:

Investments	\$4,550 00
Cash	90 34
	<u>\$4,640 34</u>

NATHANIEL FREDERIC THAYER FUND.—Given to the City of Boston in May, 1900, to be invested in a fund to be formed for the benefit and use of Protestant widows and single women without distinction of color, preference always to be given to those who have seen better days, this fund to be called the NATHANIEL FREDERIC THAYER FUND, the interest of which to be annually appropriated to the uses above designated. Amount of fund, January 31, 1912:

Investments	\$26,250 00
Cash	372 84
	<u>\$26,622 84</u>

THORNDIKE FUND.—A bequest of GEORGE L. THORNDIKE of \$10,000, the income to be used for the purchase of coal for deserving widows of East Boston. Accepted by the City Council, April 17, 1907. Amount of fund, January 31, 1912:

Investments	\$11,000 00
Cash	29 08
	<u>\$11,029 08</u>

RECAPITULATION.

Boylston Education Fund	\$160,694 89
Boylston Relief Fund	37,750 69
Lucy Bullman Charity	34,508 15
Dexter Fund	7,476 61
Goodnow Fund	10,561 56
Holton Protestant Pauper Fund	5,627 01
Holton Protestant Poor Fund	1,500 00
Moses Hunt Fund	11,250 00
Jeffries Fund	10,370 53
Mason Fund	9,421 28
Pemberton Fund	171,572 06
Pierce Fuel Fund	1,683 43
David Sears Charity	347,866 32
Rachael T. Stevens Fund	6,200 00
Stoughton Poor Fund	4,640 34
Nathaniel Frederic Thayer Fund	26,622 84
Thorndike Fund	11,029 08
	<u>\$858,774 79</u>

GEORGE F. PARKMAN FUND.

By a codicil dated January 12, 1887, to the will of the late GEORGE F. PARKMAN, all the residue of his estate, both real and personal, was devised to the City of Boston, "to constitute a fund, the income of which is to be applied to the maintenance and improvement of the Common and the parks now existing and is not to be used for the purchase of additional land for park purposes." "Any portion of said income which may not be required for the above purpose in any year is to be added to and invested as a part of said fund." This bequest was accepted by the City Council, March 9, 1909.

Invested in City of Boston Three and one-half per cent Bonds,	\$2,728,000 00
Invested in City of Boston Four per cent Bonds	1,294,000 00
Invested in Commonwealth of Massachusetts Three and one-half per cent Bonds	282,000 00
	<u>\$4,304,000 00</u>
Cash in City Treasury, January 31, 1912, Principal	11,608 17
	<u>\$4,315,608 17</u>
Cash in City Treasury, January 31, 1912, Income	<u>\$51,193 87</u>

The following is a statement of transactions for the year 1911-12:

ITEM.	Cash.	Par Value of Securities.	Total.
On hand at beginning of year, February 1, 1911.....	\$35,244 76	\$2,622,250 00	\$2,657,494 76
On hand at end of year, January 31, 1912,	62,802 04	4,304,000 00	4,366,802 04

Receipts and Payments.

SOURCES OF RECEIPTS.		OBJECTS OF PAYMENTS.	
Discounts on securities purchased.....	\$67,778 13	Purchase of securities for investment (par value):.....	\$1,732,500 00
Income earned.....	127,376 68	Premiums on securities purchased....	6,615 95
Accrued interest on securities purchased,	16,788 28	Accrued interest on securities purchased.....	16,817 10
From executor, on account of residue from estate.....	1,629,378 53	Transfers from fund.....	187,500 00
Income from estate from executor..	78,918 71		
Investments matured.....	50,750 00		
Cash on hand at beginning of year, February 1, 1911:		Cash on hand at end of year:	
Principal.....	\$2,504 99	Principal.....	\$11,608 17
Income.....	32,739 77	Income.....	51,193 87
	35,244 76		62,802 04
Total.....	<u>\$2,006,235 09</u>	Total.....	<u>\$2,006,235 09</u>

Of the income received to December 31, 1911, there remained \$341.29 unappropriated by the City Council; under the terms of the will this amount was added to the principal of the fund.

PHILLIPS STREET FUND.

This is a bequest of JONATHAN PHILLIPS, who died in July, 1860, who gave by his will to the City of Boston \$20,000, "as a trust fund, the income of which will be annually expended to adorn and embellish the streets and public places in said city."

Invested in City of Boston Three and one-half per cent
Bonds, payable to the Mayor of the city for the time
being

\$20,000 00

In accepting the bequest the City Council directed the Board of Aldermen to expend the income of the fund in compliance with the terms of the trust. Income unexpended January 31, 1912:

Cash in City Treasury \$1,826 56

There have been erected from the income derived from this fund the bronze statue of Josiah Quincy in front of City Hall, dedicated in 1879, costing \$14,716.90; John Winthrop, now on Marlborough street, dedicated in 1880, costing \$7,416.90; Samuel Adams, at the junction of Washington street and Adams (formerly Dock) square, dedicated in 1880, costing \$6,856.44; also the curbing and fencing of the inclosure of the Emancipation Group, in bronze, in Park square, the gift of Moses Kimball, dedicated in 1879, costing \$4,686.99; the granite basin and foundation to the Lief Ericsson monument, Commonwealth avenue, in 1888, costing \$3,996.70; and the pedestal and foundation for the Attucks monument on the Common, dedicated in 1888, costing \$1,950; a bronze tablet on estate on Beacon street in 1882, to mark the site of the residence of John Hancock, costing \$75; foundation and base for memorial of John Boyle O'Reilly, on Back Bay Fens, dedicated in 1896, costing \$3,967.25; statue of Colonel Cass, on the Public Garden, costing \$9,194.41.

In 1885, under orders of the Board of Aldermen, there was paid toward the erection of the Lyman fountain in Eaton square, Dorchester, the sum of \$4,050.

Under an order of the Board of Aldermen, July 29, 1903, there was paid for approaches and curbing for the statue of Gen. Joseph Warren, Warren street, Roxbury, the sum of \$4,000.

Under an order of the Board of Aldermen of August 12, 1904, \$458.55 was paid toward cost of changing location of statue of Governor Winthrop to Marlborough street.

Under an order of the Board of Aldermen of November 29, 1905, \$300 was paid for foundation for Japanese lantern on Public Garden, presented to the City of Boston by Bunkio Matsuki.

Under an order of the Board of Aldermen, March 15, 1907, \$464.69 was expended for tablets to designate "Worcester House," "Great Bridge" and "Sparhawk Mansion."

Under orders of the Board of Aldermen, May 31, 1907, and February 5, 1908, \$2,250 was paid on account of foundation and grading for the Patrick A. Collins memorial, dedicated November 2, 1908.

Under an order of the Board of Aldermen, January 14, 1909, \$80 was expended for a bronze tablet, site of "Sparhawk House," to replace one stolen.

Under an order of the Board of Aldermen, January 15, 1909, \$2,500 was expended for improvements in Lowell square, in front of West End Branch Library.

Under an order of the Board of Aldermen, March 11, 1909, \$805 was expended for bronze tablets in Dorchester, as follows: At Savin Hill, Old Dorchester Burying Ground, Birthplace of Edward Everett and site of First Meeting House and Free School.

Under an order of the City Council, April 5, 1910, \$315 was expended for a memorial tablet in Codman square.

	Cash.	Investments.	Total.
February 1, 1911.....	\$1,126 56	\$20,000 00	\$21,126 56
January 31, 1912.....	1,826 56	20,000 00	21,826 56

RECEIPTS.		PAYMENTS.	
Interest on investments.....	\$700 00	Cash January 31, 1912.....	\$1,826 56
Cash February 1, 1911.....	1,126 56		<u>\$1,826 56</u>
	<u>\$1,826 56</u>		

POLICE CHARITABLE FUND.

By an order of the City Council, approved by the Mayor July 7, 1890, the care of this fund, which since 1870 has been with the Mayor, Treasurer and Auditor, as Trustees, was transferred to the Board of Police, and the funds were transferred to the City Treasurer.

The Police Commissioner is authorized to expend, with the approval of the Mayor, the income of the fund for the relief of persons who have received an honorable discharge from the police force by reason of sickness, age or other disability, and who are, in consequence of such disability, in necessitous circumstances; and with the approval of the Mayor, for the relief of widows and orphans, in necessitous circumstances, of police officers, who have died while in the service of the city or from the effects of injuries received in the execution of their duty.

Invested as follows:

Bonds of the City of Boston, Four per cent	\$108,900 00
Bonds of the City of Boston, Three and one-half per cent	66,250 00
Bonds of the City of Boston, Three per cent	32,400 00
	<u>\$207,550 00</u>
Income unexpended, January 31, 1912	<u>\$1,897 55</u>

There are now sixty-six beneficiaries of this fund.

	Cash.	Investments.	Total.
February 1, 1911.....	\$1,822 20	\$207,550 00	\$209,372 20
January 31, 1912.....	1,897 55	207,550 00	209,447 55

RECEIPTS.		PAYMENTS.	
Interest on investments.....	\$7,714 35	To beneficiaries.....	\$7,639 00
Cash February 1, 1911.....	1,822 20	Cash January 31, 1912.....	1,897 55
	<u>\$9,536 55</u>		<u>\$9,536 55</u>

POOR WIDOWS' FUND.

This is a donation made by Mrs. JOANNA BROOKER and others to the Selectmen of Boston for the time being.

The income from this fund is collected by the City Treasurer and by him paid over in equal proportions to the members of the City Council, and they distribute the same, at their discretion, for the relief of poor widows and sick people. Invested in

City of Boston Four per cent Bond	\$1,500 00
City of Boston Three and one-half per cent Bond	1,700 00
	<u>\$3,200 00</u>

PUBLIC LIBRARY FUNDS.

ARTZ FUND.—This is a donation from Miss VICTORINE THOMAS ARTZ, of Chicago; the income of this sum to be employed in the purchase of

valuable rare editions of the writings, either in verse or prose, of American and foreign authors. These books are to be known as the "Longfellow Memorial Collection." Received in 1896.

Invested in City of Boston Four per cent Bond \$10,000 00

BATES FUND.—This is a donation made by JOSHUA BATES, of London, in March, 1853.

Invested in City of Boston Four per cent Bond \$50,000 00

"The income only of this fund is to be each and every year expended in the purchase of such books of permanent value and authority as may be found most needful and most useful." Payable to the Mayor of the city for the time being.

BIGELOW FUND.—This is a donation made by the late JOHN P. BIGELOW in August, 1850, when Mayor of the city.

The income from this fund is to be appropriated for the purchase of books for the increase of the library.

Invested in City of Boston Four per cent Bond \$1,000 00

Payable to the chairman of the Committee on the Public Library for the time being.

ROBERT CHARLES BILLINGS FUND.—Bequest of ROBERT CHARLES BILLINGS.

"The sum to constitute a permanent fund for said library, to be called the ROBERT CHARLES BILLINGS FUND, the income only to be used for the purposes of the purchase of books for said library." Received in 1903.

Invested in City of Boston Three and one-half per cent Bond, \$100,000 00

BOWDITCH FUND.—This is the bequest of J. INGERSOLL BOWDITCH. Received in 1890.

Invested in City of Boston Three and one-half per cent Bond, \$10,000 00

The whole income in each and every year to be expended in the purchase of books of permanent value and authority in mathematics and astronomy.

BRADLEE FUND.—A bequest of the Rev. CALEB DAVIS BRADLEE to the Boston Public Library. Received in 1897.

Invested in City of Boston Three and one-half per cent Bond, \$1,000 00

JOSEPH H. CENTER FUND.—Bequest of JOSEPH H. CENTER, the income thereof to be at all times applied to the purchase of books and other additions to the library. Received in 1905.

Invested in City of Boston Four per cent bond \$1,000 00

Invested in City of Boston Three and one-half per cent Bonds, 38,500 00

Cash in City Treasury, January 31, 1912 43 14

\$39,543 14

HENRY SARGENT CODMAN MEMORIAL FUND.—This is a contribution from the friends of the late HENRY SARGENT CODMAN, to be used to perpetuate the memory of Mr. Codman by the purchase of books upon landscape gardening.

It is the desire of the subscribers that a special book plate shall be inserted in each one of the volumes purchased, identifying it as part of their memorial collection. Received in 1898.

Invested in City of Boston Three and one-half per cent Bond,	\$2,800 00
Cash in City Treasury, January 31, 1912	54 41
	<u>\$2,854 41</u>

CUTTER FUND.—Bequest of the late **ABRAM E. CUTTER**, the income of which is to be expended for the purchase of books and for binding. Received in 1901.

Invested in City of Boston Three per cent Bond	<u>\$4,000 00</u>
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DANIEL SHARP FORD FUND.—A bequest of **DANIEL SHARP FORD** to the Public Library of the City of Boston. Received in 1900.

Invested in City of Boston Three per cent Bond	<u>\$6,000 00</u>
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FRANKLIN CLUB FUND.—This is a donation made in June, 1863, by a literary association of young men in Boston, who, at the dissolution of the association, authorized its trustees, Thomas Minns, John J. French and J. Franklin Reed, to dispose of the funds on hand in such a manner as to them should seem judicious. They elected to bestow it on the Public Library, attaching to it the following conditions: "In trust that the income, but the income only, shall, year by year, be expended in the purchase of books of permanent value, for the use of the free Public Library of the city, and as far as practicable of such a character as to be of special interest to young men." The trustees expressed a preference for books relative to government and political economy.

Invested in City of Boston Four per cent Bond	<u>\$1,000 00</u>
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GREEN FUND.—Donation of **Dr. SAMUEL A. GREEN** of \$2,000, the income of which is to be expended for the purchase of books relating to American history. Received in 1878 and 1884.

Invested as follows:

City of Boston Four per cent Bond	\$1,500 00
City of Boston Three per cent Bond	500 00
	<u>\$2,000 00</u>

CHARLOTTE HARRIS FUND.—Bequest of **CHARLOTTE HARRIS**, late of Boston, the object of which is stated in the following extract from her will:

"I give to the Charlestown Public Library \$10,000, to be invested on interest, which interest is to be applied to the purchase of books published before 1850. I also give to said Public Library my own private library and the portrait of my grandfather, Richard Devens." Bequests accepted by City Council July 31, 1877.

Invested in City of Boston Four per cent Bond	<u>\$10,000 00</u>
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THOMAS B. HARRIS FUND.—Bequest of **THOMAS B. HARRIS**, late of Charlestown, for the benefit of the Charlestown Public Library. Received in 1884.

Invested in City of Boston Four per cent Bond	<u>\$1,000 00</u>
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ABBOTT LAWRENCE FUND.—This is the bequest of the late **ABBOTT LAWRENCE**, of Boston. Received in 1860.

Invested in City of Boston Three and one-half per cent Bond,	<u>\$10,000 00</u>
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The interest on this fund is to be exclusively appropriated for the purchase of books for the said library having a permanent value.

EDWARD LAWRENCE FUND.—This is the bequest of the late EDWARD LAWRENCE, of Charlestown. Received in 1886. The following clause from his will explains its purpose:

"To hold and apply the income, and so much of the principal as they may choose, to the purchase of special books of reference to be kept and used only at the Charlestown Branch of said Public Library."

Invested in City of Boston Four per cent Bond \$500 00

MRS. JOHN A. LEWIS FUND.—Legacy of the late ELIZABETH LEWIS, to be known as the MRS. JOHN A. LEWIS FUND:

"I give and bequeath to the Boston Public Library the sum of \$5,000 as a fund, the income of which is to be used for the purchase of such old and rare books as shall be fitly selected to augment the collection known as the John A. Lewis Library." Received in 1903.

Invested in City of Boston Three and one-half per cent Bond, \$5,000 00

CHARLES GREELY LORING MEMORIAL FUND.—This is a donation from the family of CHARLES GREELY LORING, the income of which is to be expended for the purchase of books for the West End Branch. Received in 1896.

Invested in City of Boston Four per cent Bond \$500 00

CHARLES MEAD FUND.—Bequest of CHARLES MEAD, to constitute the CHARLES MEAD PUBLIC LIBRARY TRUST FUND for the promotion of the objects of the Public Library, in such manner as the government of said library shall deem best, and so far as the government shall deem consistent with the objects of the library to be used for the benefit of the South Boston Branch Library. Received in 1896.

Invested in City of Boston Four per cent Bond \$2,500 00

JOHN BOYLE O'REILLY FUND.—A donation received from the Papyrus Club to establish a fund in memory of JOHN BOYLE O'REILLY, late member of said club, the income of said fund to be devoted to the purchase of books for the Boston Public Library. Received in 1897.

Invested in City of Boston Four per cent Bond \$1,000 00

PHILLIPS FUND.—This is a donation made by JONATHAN PHILLIPS, of Boston, in April, 1853.

Invested in City of Boston Four per cent Bond \$10,000 00

The interest of this fund is to be used exclusively for the purchase of books for said library.

Also a bequest by the same gentleman in his will dated September 20, 1849.

Invested in City of Boston Three and one-half per cent Bond, \$20,000 00

The interest on which is to be annually devoted to the maintenance of a free Public Library.

Both of these items are payable to the Mayor of the city for the time being.

PIERCE FUND.—This is a donation made by HENRY L. PIERCE, Mayor of the city, November 29, 1873, and accepted by the City Council, December 27, 1873.

Invested in City of Boston Four per cent Bond \$5,000 00

SCHOLFIELD FUND.—A bequest of ARTHUR SCHOLFIELD, who died in New York, January 17, 1883. The interest to be paid to certain heirs during their lives, and then to be used for the purchase of books of permanent value. The last heir, Joseph Scholfield, died November 18, 1889, and by his will bequeathed to the City of Boston the sum of \$11,766.67, which represents the income of said fund received by him up to the time of his death, to which was added \$33.33 accrued interest on deposit up to the time of investment, to be added to the fund given by his brother.

Invested in City of Boston Four per cent Bonds	<u>\$61,800 00</u>
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SOUTH BOSTON BRANCH LIBRARY TRUST FUND.—Donation of a citizen of South Boston, the income of which is to be expended for the benefit of the South Boston Branch Library. Received in 1879.

Invested in City of Boston Four per cent Bond	<u>\$100 00</u>
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PATRICK F. SULLIVAN FUND.—Extract from will: "I give and bequeath to the Trustees of the Boston Public Library the sum of five thousand dollars, the principal or income of said sum to be expended by them for the purchase of Catholic standard books, said books to be approved by the Archbishop of the Diocese of Boston, Mass., or by the President of the Trustees of Boston College, in Boston, Mass." Received in 1908.

Balance unexpended, January 31, 1912	<u>\$1,940 88</u>
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TICKNOR BEQUEST.—By the will of the late GEORGE TICKNOR, of Boston, he gave to the City of Boston, on the death of his wife, all his books and manuscripts in the Spanish and Portuguese languages, about four thousand volumes, and also the sum of four thousand dollars. After the receipt of said sum the city is required to spend not less than one thousand dollars in every five years during the twenty-five years next succeeding (*i. e.*, the income of four thousand dollars, at the rate of five per cent per annum) in the purchase of books in the Spanish and Portuguese languages and literature. At the end of twenty-five years the income of said sum to be expended annually in the purchase of books of permanent value, either in the Spanish or Portuguese languages, or in such other languages as may be deemed expedient by those having charge of the library. The books bequeathed or purchased are always to be freely accessible for reference or study, but are not to be loaned for use outside of the library building. If these bequests are not accepted by the city, and the trusts and conditions faithfully executed, the books, manuscripts and money are to be given to the President and Fellows of Harvard College.

In order that the city might receive the immediate benefit of this contribution, Anna Ticknor, widow of the donor, relinquished her right to retain during her life the books and manuscripts, and placed them under the control of the city, the City Council having previously accepted the bequests in accordance with the terms and conditions of said will, and the Trustees of the Public Library received said bequests on behalf of the city, and made suitable arrangements for the care and custody of the books and manuscripts.

Invested in City of Boston Four per cent Bond	<u>\$4,000 00</u>
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WILLIAM C. TODD NEWSPAPER FUND.—This is a donation by WILLIAM C. TODD, accepted by order of the City Council approved October 30, 1897, the income to be at least two thousand dollars a year, to be expended by the Library Trustees for newspapers of this and other countries.

Invested in City of Boston Four per cent Bond	<u>\$50,000 00</u>
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TOWNSEND FUND.—This is a donation from William Minot and William Minot, Jr., executors of the will of MARY P. TOWNSEND, of Boston, at whose disposal she left a certain portion of her estate in trust for such charitable and public institutions as they might think meritorious. Said executors

accordingly selected the Public Library of the City of Boston as one of such institutions, and attached the following conditions to the legacy: "The income only shall, in each and every year, be expended in the purchase of books for the use of the library; each of which books shall have been published in some one edition at least five years at the time it may be so purchased." Received in 1879.

Invested in City of Boston Three and one-half per cent Bond, \$4,000 00

TREADWELL FUND.—By the will of the late DANIEL TREADWELL, of Cambridge, late Rumford Professor in Harvard College, who died February 27, 1872, he left the residue of his estate, after payment of debts, legacies, etc., in trust to his executors, to hold during the life of his wife for her benefit, and after her decease to divide the residue then remaining in the hands of the Trustees, as therein provided, and convey one-fifth part thereof to the Trustees of the Public Library of the City of Boston.

By order of the City Council, approved May 17, 1872, said bequest was accepted and the Trustees of the Public Library authorized to receive the same and invest it in City of Boston Bonds, the income of which is to be expended by said Trustees in such a manner as they may deem for the best interests of the library.

All of the bequest except sixteen shares of Boston & Albany Railroad stock, six shares of Boston & Providence Railroad stock, twelve shares of Fitchburg Railroad preferred stock and one share of Vermont & Massachusetts Railroad stock, was invested in City of Boston Bonds. During the year 1908 the Trustees sold the shares of stock for the gross sum of \$7,364.78, which was invested in one City of Boston Four per cent Bond for \$7,000, payable in 1947.

Invested in:

City of Boston Four per cent Bonds	\$12,550 00
City of Boston Three and one-half per cent Bonds	1,400 00
Cash in City Treasury	37 69
	<u>\$13,987 69</u>

TUFTS FUND.—A bequest of the late NATHAN A. TUFTS, of Charlestown, to be known as the "NATHAN A. TUFTS FUND," the income to be applied at all times to the purchase of books and other additions to the library to be placed in the Charlestown Branch. Received in 1906.

Invested in City of Boston Three and one-half per cent Bonds, ...	\$10,100 00
Cash in City Treasury, January 31, 1912	31 77
	<u>\$10,131 77</u>

TWENTIETH REGIMENT MEMORIAL FUND.—This is a donation on account of the TWENTIETH REGIMENT MEMORIAL FUND, the income to be used for the purchase of books of a military and patriotic character, to be placed in the alcove appropriated as a memorial of the Twentieth Regiment. Received in 1897.

Invested in City of Boston Four per cent Bond	<u>\$5,000 00</u>
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DONATIONS.—Besides the preceding, the following donations have been made to the Public Library, and the amounts have been appropriated for the purchase of books, according to the intention of the donors, viz.:

J. Ingersoll Bowditch	\$6,800 00
Samuel Appleton, late of Boston	1,000 00
Sally Inman Kast Shepard	1,000 00
James Brown, late of Cambridge	500 00
Andrew Carnegie	980 75
Nathaniel I. Bowditch	200 00

Carried forward \$10,480 75

<i>Brought forward</i>	\$10,480 75
James Nightingale	100 00
Dorchester and Milton Circulating Library, for the benefit of the Dorchester Branch Library	335 13
	<u>\$10,915 88</u>

RECAPITULATION OF PUBLIC LIBRARY TRUST FUNDS.

Artz Fund	\$10,000 00
Bates Fund	50,000 00
Bigelow Fund	1,000 00
Robert Charles Billings Fund	100,000 00
Bowditch Fund	10,000 00
Bradlee Fund	1,000 00
Joseph H. Center Fund	39,543 14
Henry Sargent Codman Memorial Fund	2,854 41
Cutter Fund	4,000 00
Daniel Sharp Ford Fund	6,000 00
Franklin Club Fund	1,000 00
Green Fund	2,000 00
Charlotte Harris Fund	10,000 00
Thomas B. Harris Fund	1,000 00
Abbott Lawrence Fund	10,000 00
Edward Lawrence Fund	500 00
Mrs. John A. Lewis Fund	5,000 00
Charles Greely Loring Memorial Fund	500 00
Charles Mead Fund	2,500 00
John Boyle O'Reilly Fund	1,000 00
Phillips Funds	30,000 00
Pierce Fund	5,000 00
Scholfield Fund	61,800 00
South Boston Branch Library Trust Fund	100 00
Patrick F. Sullivan Fund	1,940 88
Ticknor Fund	4,000 00
William C. Todd Newspaper Fund	50,000 00
Townsend Fund	4,000 00
Treadwell Fund	13,987 69
Nathan A. Tufts Fund	10,131 77
Twentieth Regiment Memorial Fund	5,000 00
	<u>\$443,857 89</u>

RANDIDGE TRUST FUND.

A bequest of GEORGE L. RANDIDGE, the City Treasurer to pay the income thereof, from time to time, as shall be designated by the Mayor of the city, for the sole purpose of affording to the children of the poor of the city, of all religious denominations, the pleasure of one or more excursions during the months of July and August in each year. Accepted by the City Council in 1896 in accordance with chapter 216 of the Acts of 1896.

Invested in City of Boston Four per cent Bond \$50,000 00

	Cash.	Investment.	Total.
February 1, 1911.....	\$1,099 51	\$50,000 00	\$51,099 51
January 31, 1912.....	1,318 16	50,000 00	51,318 16

RECEIPTS.		PAYMENTS.	
Interest on investment.....	\$2,000 00	Expended.....	\$1,781 35
Cash February 1, 1911.....	1,099 51	Cash January 31, 1912.....	1,318 16
	<u>\$3,099 51</u>		<u>\$3,099 51</u>

SAMUEL E. SAWYER FUND.*

A bequest of the late SAMUEL E. SAWYER, of Gloucester, for the benefit of the Marcella Street Home, the income to be expended in a manner that will promote the interests and prosperity of the institution.

Invested in:

City of Boston Four per cent Bonds	\$2,000 00
City of Boston Three and one-half per cent Bond	400 00
	<u>\$2,400 00</u>

	Cash.	Investment.	Total.
February 1, 1911.....	\$391 05	\$2,400 00	\$2,791 05
January 31, 1912.....	329 58	2,400 00	2,729 58

RECEIPTS.		PAYMENTS.	
Interest on investments.....	\$94 00	Expended.....	\$155 47
Cash February 1, 1911.....	391 05	Cash January 31, 1912.....	329 58
	<u>\$485 05</u>		<u>\$485 05</u>

* See, also, Horace Mann School Funds.

SCHOOL TRUST FUNDS.

BOWDOIN DORCHESTER SCHOOL FUND.—On March 1, 1797, JAMES BOWDOIN, of Boston, in token of his respect and esteem for the inhabitants of the town of Dorchester, and for the sum of 5s., deeded to them and to their successors forever, "for the use and benefit of the public schools in said town," a certain parcel of woodland. The sale of this estate by the Board of Street Commissioners was authorized by the City Council in 1889, and the net proceeds paid to, and invested by, the City Treasurer in bonds of the City of Boston, the income of said bonds being expended by the School Committee for the benefit of the public schools in that part of said city formerly called Dorchester.

On September 27, 1897, the Corporation Counsel of the city gave an opinion that the schools in South Boston had the same right as the schools in Dorchester to participate in the benefit of this fund, and since that date the income has annually been expended for the purchase of books and other supplies for the schools in these two sections of the city.

Invested in City of Boston Four per cent Bond \$4,500 00

	Cash.	Investment.	Total.
February 1, 1911.....	\$1,364 48	\$4,500 00	\$5,864 48
January 31, 1912.....	345 05	4,500 00	4,845 05

RECEIPTS.		PAYMENTS.	
Interest on investment.....	\$180 00	Expended.....	\$1,199 43
Cash February 1, 1911.....	1,364 48	Cash January 31, 1912.....	345 05
	<u>\$1,544 48</u>		<u>\$1,544 48</u>

CHARLESTOWN SCHOOL TRUST FUND.—The Legislature of Massachusetts, on the 27th of March, 1793, passed an act to incorporate Richard Devens, Nathaniel Gorham, Josiah Bartlett, Aaron Putnam, Joseph Hurd,

Nathaniel Hawkins, Seth Wyman, and their successors, Trustees of the Charlestown Free Schools. On the 18th of April, the same year, it was "Voted that the Town Treasurer deliver to Aaron Putnam, Esq., Treasurer of the Trustees of the Charlestown Free Schools, all the money, bonds, notes of hand, etc. (being the property of said free schools), that now are or may come into his, the Town Treasurer's hand."

The charter of the City of Charlestown, after prescribing the manner of electing the School Committee, provides that the persons thus chosen shall have "all the powers and privileges, and be subject to all the liabilities set forth" in the act to incorporate certain persons under the name of the Trustees of Charlestown Free Schools. The Act of Annexation to Boston provided for the continuance of this corporation in the members of the School Committee of the City of Boston from the Charlestown District.

By chapter 53 of the Acts of 1877 the School Committee was incorporated and authorized to receive the Charlestown School Trust Fund, to "manage said fund, and disburse the income thereof within the limits of the former City of Charlestown, according to the tenor of the instruments creating said trust."

The School Committee elects annually one of its members as treasurer of the corporation, who holds in trust the property of this fund, and expends the income thereof for the purchase of books and other educational material for the benefit of the schools situated within the limits of the former City of Charlestown.

The following is a statement of the fund on January 31, 1912:

City of Boston Four per cent Bond	\$5,000 00
City of Boston Three and one-half per cent Bond	650 00
On deposit in Charlestown Five Cent Savings Bank	2,623 00
On deposit in Warren Institution for Savings	410 42
On deposit in American Trust Company	261 06
	\$8,944 48

GEORGE E. BROCK, *Treasurer.*

COMINS SCHOOL LIBRARY FUND.—The late LINUS B. COMINS made a donation in 1855 of \$500 to be held in trust by the Chairman of the School Committee, the Mayor of the city and the President of the Common Council, who are constituted *ex officio* trustees of the fund, the income to be expended for the library of the Comins Grammar School for girls, situated in the former limits of the town of Roxbury. This school subsequently became a mixed school, attended both by girls and boys, and the income of the fund is paid annually to the master of the school, and by him expended in accordance with the wishes of the donor.

Invested in City of Boston Three and one-half per cent Bond, \$500 00

DEVENS INFANT SCHOOL FUND.—The will of the late DAVID DEVENS, who died August 30, 1855, contains a bequest of \$1,000 to the inhabitants of the town of Charlestown, "the income thereof to be applied in the discretion of said inhabitants, or by such officers of said town as they shall authorize, for the benefit of the Infant Schools in that town, and of the children who shall attend them." This bequest was accepted by the City of Charlestown, November 10, 1856, and the income is now paid to the Mayor for the Hunt Asylum for Destitute Children, formerly the Infants' School and Children's Home Association.

Invested in City of Boston Four per cent Bond \$1,000 00

EASTBURN SCHOOL FUND.—The late JOHN H. EASTBURN bequeathed in his will, proved July 28, 1873, the sum of \$10,000 to the City of Boston, "the interest of which is to be applied to aid and assist deserving and poor

scholars to finish their education by pecuniary assistance in the Normal School for Females in said city." This bequest was received by the Mayor in May, 1886, and paid to the City Treasurer, who was authorized to invest the same in City of Boston bonds, the fund thus created to be known as "The Eastburn School Fund" and the income thereof paid to the School Committee, to be expended by it for the purposes set forth in the will of the testator.

Under regulations adopted by the School Committee the income of this fund is now paid to the head master of the Normal School, and expended by him with the approval of the superintendent for the benefit of deserving and indigent pupils attending the Normal School.

Invested in City of Boston Four per cent Bond \$10,000 00

Income invested in City of Boston Three and one-half per
cent Bond \$1,000 00

	Cash.	Investments.	Total.
February 1, 1911.....	\$2,327 10	\$11,000 00	\$13,327 10
January 31, 1912.....	2,612 10	11,000 00	13,612 10

RECEIPTS.		PAYMENTS.	
Interest on investments.....	\$435 00	Expended.....	\$150 00
Cash February 1, 1911.....	2,327 10	Cash January 31, 1912.....	2,612 10
	<u>\$2,762 10</u>		<u>\$2,762 10</u>

FRANKLIN MEDAL FUND.—The will of Dr. BENJAMIN FRANKLIN contained a legacy of one hundred pounds sterling to establish a fund, the income thereof to be expended in silver medals as honorary rewards to the pupils of the free school belonging to the town of Boston. In 1867 these medals were given for the last time to pupils in the grammar schools. After that date the medals were given only to graduates of the Public Latin and the English High Schools until 1896, when graduates of the Mechanic Arts High School were also included. At the present time these medals are awarded annually in June by the Board of Superintendents, on the recommendation of the head masters of these three schools, to those graduates who have attained high rank in scholarship and conduct. From twenty to twenty-five medals are thus distributed annually, divided proportionately among these three schools.

Invested in City of Boston Three and one-half per cent Bond, \$1,000 00

	Cash.	Investment.	Total.
February 1, 1911.....	\$269 94	\$1,000 00	\$1,269 94
January 31, 1912.....	275 23	1,000 00	1,275 23

RECEIPTS.		PAYMENTS.	
Interest on investment.....	\$35 00	Expended.....	\$29 71
Cash February 1, 1911.....	269 94	Cash January 31, 1912.....	275 23
	<u>\$304 94</u>		<u>\$304 94</u>

GIBSON SCHOOL FUND.—This is the bequest of CHRISTOPHER GIBSON, who provided by will, about 1674, that after the payment of legacies and debts his executors should "purchase some estate for the promotion of

learning in the Town of Dorchester." The surviving executor, Daniel Preston, purchased for £104 twenty-six acres of land at Smelt Brook, and deeded the same, February 6, 1693, to Enoch Wiswell, Samuel Robinson, John Tolman, James Bird and Increase Sumner as Trustees, and to their successors and assigns, for the "use and purpose, benefit and behoof, of the schools of learning in the town of Dorchester." Sales of this land have been made from time to time, and a part still held consists of 74,700 square feet. The proceeds have been invested in

City of Boston Four per cent Bonds	\$11,925 00
City of Boston Three and one-half per cent Bonds	58,000 00
City of Boston Three per cent Bonds	7,700 00
Cash in City Treasury	15 43
	<u>\$77,640 43</u>

The income of this fund is appropriated for the supply of library books and such apparatus for the schools which are now or shall be embraced in the territory formerly known as "Dorchester" which are not supplied by the city, upon order of the School Committee, and apportioned to each school as said School Committee shall decide.

Under an opinion given by the Corporation Counsel of the city on September 27, 1897, the income of this fund since that date has been expended for the benefit of the schools in South Boston as well as for those in Dorchester.

	Cash.	Investments.	Total.
February 1, 1911.....	\$4,938 97	\$73,325 00	\$78,263 97
January 31, 1912.....	4,134 76	77,625 00	81,759 76

RECEIPTS.		PAYMENTS.	
Interest on investments.....	\$2,624 13	Expended.....	\$4,653 34
Rents.....	1,225 00	Cash January 31, 1912:	
Cash February 1, 1911:		Principal.....	\$15 43
Principal.....	\$15 43	Income.....	4,119 33
Income.....	4,923 54		4,134 76
	<u>4,938 97</u>		<u>\$8,788 10</u>
	<u>\$8,788 10</u>		

HORACE MANN SCHOOL FUNDS.

SAMUEL E. SAWYER FUND.— This is a legacy of the late SAMUEL E. SAWYER, of Gloucester, amounting to \$2,000, the income of which is to be used in such manner as will best promote the interests and prosperity of the institution for the benefit of which it was given. The income is now paid to the principal of said school, and expended by her in providing instruction in drawing for the pupils attending the school. Invested in

City of Boston Four per cent Bond	\$2,000 00
City of Boston Three and one-half per cent Bond	400 00
	<u>\$2,400 00</u>

MRS. JOHN A. LEWIS FUND.— This is a legacy under the will of ELIZABETH LEWIS, amounting to \$1,000, the income of which is to be paid to the principal of the Horace Mann School for the Deaf, and by her expended for the benefit of the school.

Invested in City of Boston Three and one-half per cent Bond,	1,000 00
Carried forward	<u>\$3,400 00</u>

Brought forward

\$3,400 00

SUSAN E. GAVETT FUND.—The will of the late SUSAN E. GAVETT contained a bequest of \$5,000 to the Horace Mann School for Deaf Mutes in Boston, which was accepted by the City Council October 5, 1909 — the income of which is paid to the principal of that school, and expended by her for the purchase of books, supplementary and reference, and whatever will aid pupils in the acquisition and use of spoken and written English.

Invested in City of Boston Three and one-half per cent Bond, 5,000 00
\$8,400 00

	Cash.	Investments.	Total.
February 1, 1911.....	\$536 94	\$8,400 00	\$8,936 94
January 31, 1912.....	664 47	8,400 00	9,064 47

RECEIPTS.		PAYMENTS.	
Interest on investments.....	\$304 00	Expended.....	\$176 47
Cash February 1, 1911.....	536 94	Cash January 31, 1912.....	664 47
	<u>\$840 94</u>		<u>\$840 94</u>

LATIN SCHOOL PRIZE FUND.—This is a donation made by a number of Boston gentlemen in the year 1819, the interest of which is paid annually to the head master of the Public Latin School and expended by him in the purchase of books, which are distributed as prizes to pupils in that school who have attained high rank in various subjects of the course of study.

Invested in City of Boston Three and one-half per cent Bond, \$1,050 00

LAWRENCE HIGH SCHOOL FUND.—The late ABBOTT LAWRENCE made a donation in 1844 of \$2,000, the income of which is now paid annually to the head master of the English High School and expended by him in the purchase of books, which are distributed as prizes to pupils in that school who have attained high rank in various subjects of the course of study.

Invested in City of Boston Three and one-half per cent Bond, \$2,000 00

LAWRENCE LATIN SCHOOL FUND.—The same gentleman also made a donation in 1845 to establish a fund known as "The Latin School Fund," the interest of which is paid annually to the head master of the Public Latin School and expended by him in the purchase of books, which are distributed as prizes to pupils in that school who have attained high rank in various subjects of the course of study.

Invested in City of Boston Three and one-half per cent Bond, \$2,000 00

MILMORE BRIMMER SCHOOL FUND.—MARTIN MILMORE, the celebrated sculptor, who was graduated from the Brimmer School in 1859 and who died in 1883, made a bequest in his will of \$500 to the City of Boston, the income of which he directed should be used annually to aid in clothing poor children attending the Brimmer School. The income of this fund is now paid to the master of that school, and expended by him in accordance with the wishes of the testator.

Invested in City of Boston Four per cent Bond . . . \$500 00

NORCROSS SCHOOL LIBRARY FUND.— This is a donation and bequest of the late OTIS NORCROSS. The income from this fund is to be paid to the master of the Norcross School, to be expended in books for a library for the first class of said school.

Invested in City of Boston Four per cent Bond	\$500 00
Invested in City of Boston Three and one-half per cent Bond,	500 00
	<u>\$1,000 00</u>

SHERWIN SCHOOL GRADUATES FUND.— Amounts contributed at various times by graduates of the Sherwin School, and by others interested in the school, the income to be paid to the master, and expended for the benefit of said school.

Invested in City of Boston Three and one-half per cent Bond,	\$200 00
Cash in City Treasury, January 31, 1912	87 50
	<u>\$287 50</u>

SMITH FUND.— ABIEL SMITH, of Boston, who died in 1815, made a bequest to the SELECTMEN OF THE TOWN OF BOSTON for the time being, the income of which he directed should be used for the "Free Instruction of Colored Children in Reading, Writing and Arithmetic." The income of the fund is now credited to general public school expenses, there being no schools exclusively for colored children.

Invested in City of Boston Four per cent Bonds	\$4,600 00
Invested in City of Boston Three and one-half per cent Bond,	4,000 00
	<u>\$8,600 00</u>

STOUGHTON SCHOOL FUND.— GOV. WILLIAM STOUGHTON, who died at Dorchester, July 7, 1701, made a bequest in his will of one hundred and fifty pounds sterling "unto the school of Dorchester for a yearly income toward the advancement of the salary of the school master." The income of this fund is now credited annually to the salaries of public school teachers.

Invested in City of Boston Four per cent Bond	<u>\$5,300 00</u>
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TEACHERS' WATERSTON FUND.— Bequest of the late Rev. ROBERT C. WATERSTON, of Boston, the income to be expended by the head masters of the high and grammar schools for lectures to the teachers upon natural history in any of its various departments.

Amount of bequest	\$5,000 00
Less legacy tax	282 67
	<u>\$4,717 33</u>
Accrued interest on same	82 67
	<u>\$4,800 00</u>

	Cash.	Investment.	Total.
February 1, 1911.....	\$358 84	\$4,800 00	\$5,158 84
January 31, 1912.....	502 84	4,800 00	5,302 84

RECEIPTS.		PAYMENTS.	
Interest on investment.....	\$144 00	Cash January 31, 1912.....	\$502 84
Cash February 1, 1911.....	358 84		
	<u>\$502 84</u>		<u>\$502 84</u>

WEBB FRANKLIN SCHOOL FUND.—RUFUS WEBB for many years was a writing master in the Franklin School. His will, which was proved April 9, 1827, contained a bequest of \$1,000, the income thereof to be paid to the writing master of said school for the time being, and to be by him applied to the purchase of books for the use of indigent scholars belonging to said school. Inasmuch as the city now furnishes free text-books and supplies to all pupils, the income of this fund is paid to the master of that school and expended by him for the purchase of supplementary material such as books, etc., not regularly furnished to the schools.

Invested in City of Boston Three and one-half per cent Bond,	\$1,000 00
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Income invested in City of Boston Three and one-half per cent Bond	\$1,000 00
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RECAPITULATION OF SCHOOL TRUST FUNDS.

Bowdoin Dorchester School Fund	\$4,500 00
Charlestown School Trust Funds	8,944 48
Comins School Library Fund	500 00
Devens Infant School Fund	1,000 00
Eastburn School Fund	10,000 00
“ “ income invested	1,000 00
Franklin School Medal Fund	1,000 00
Gibson School Fund	77,640 43.
Horace Mann School Funds	8,400 00
Latin School Prize Fund	1,050 00
Lawrence High School Fund	2,000 00
“ Latin School Fund	2,000 00
Milmore Brimmer School Fund	500 00
Norcross School Library Fund	1,000 00
Sherwin School Graduates Fund	287 50
Smith Fund	8,600 00
Stoughton School Fund	5,300 00
Teachers' Waterston Fund	4,800 00
Webb Franklin School Fund	1,000 00
“ “ “ income	1,000 00
Total	<u>\$140,522 41</u>

PERMANENT SCHOOL PENSION FUND.

This fund was established under authority of chapter 589 of the Acts of 1908, as amended by chapter 617 of the Acts of 1910, for the payment of pensions to the members of the teaching or supervising staff of the public day schools of the City of Boston.

The care and investment of said fund are “vested in a board of three trustees of whom, one shall be the Chairman of the Board of Commissioners of Sinking Funds of the City of Boston, *ex officio*, another chosen by the School Committee, and the third shall be chosen by the Board of Trustees of the Teachers' Retirement Fund in the City of Boston.”

“In addition to the amount which the school committee is now authorized by law to appropriate for the support of the public schools of the city and for other purposes, it shall annually appropriate for the purposes contemplated by this act, and in the same manner in which it makes appropriations for other school purposes, the sum of five cents upon each one thousand dollars of the valuation on which the appropriations of the City Council of the city are based, and shall from time to time pay to the treasurer of the permanent pension fund such portions of the proceeds of said five cents upon each one thousand dollars of the valuation aforesaid as, in the opinion of the school committee, will not be needed for the purpose of paying pensions to teachers during that year.”

On January 31, 1912, the fund consisted of the following:

Bonds, par value—	
Boston & Maine Railroad at Four and one-half per cent,	\$25,000 00
Chicago, Burlington & Quincy Railroad at Four per cent	20,000 00
Connecticut River Railroad at Four per cent	3,000 00
Concord & Montreal Railroad at Four per cent	24,875 00
West End Street Railway at Four and one-half per cent	14,000 00
Delaware & Hudson River Railroad at Four per cent	14,000 00
Boston & Albany Railroad at Four per cent	29,950 00
Old Colony Railroad at Four per cent	30,000 00
City of Boston at Four per cent	4,000 00
	\$164,825 00
Cash in Treasury	16,319 79
	<u>\$181,144 79</u>

PUBLIC SCHOOL TEACHERS' RETIREMENT FUND.

This fund has been created in accordance with the provisions of chapter 237 of the Acts of 1900.

The fund is for the purpose of providing annuities to teachers who have retired from the service of the City of Boston after having taught a certain length of time in the day schools of the city, and who have contributed a certain sum to the fund.

Eighteen dollars per year is deducted by the City Treasurer from the salaries of all teachers who entered the service of the city after the passage of the Act of 1900, and also from the salaries of such other teachers as have voluntarily elected to come within the provisions of the act.

On January 31, 1912, 2,526 teachers were contributing to the fund at the rate of \$18 per year.

On January 31, 1912, two hundred and twenty-five retired teachers were receiving annuities of \$15 per month.

On January 31, 1912, the fund in the hands of the City Treasurer, custodian, consisted of the following property:

Bonds par value —	
City of Boston, Four per cent	\$49,900 00
City of Boston, Three and one-half per cent	184,250 00
City of Boston, Three per cent	12,000 00
West End Street Railway, Four per cent	13,000 00
West End Street Railway, Four and one-half per cent	7,000 00
Concord & Montreal Railroad, Four per cent	16,000 00
Chicago, Burlington & Quincy Railroad, Four per cent	10,000 00
Boston & Albany Railroad, Four per cent	24,000 00
Old Colony Railroad, Four per cent	4,000 00
Chicago & Northwestern Railway, Four per cent	5,000 00
Boston Elevated Railway, Four and one-half per cent	10,000 00
American Telephone and Telegraph Company, Four per cent, ...	4,000 00
City of Stamford, Conn., Four per cent	5,000 00
	\$344,150 00
Deposited in Charlestown Five Cents Savings Bank, Florence	
J. Bigelow legacy	974 66
Deposit in American Trust Company	10,585 20
	<u>\$355,709 86</u>

There are 201 annuitants, each drawing at the rate of \$180 per year.

RECAPITULATION OF TRUST FUNDS.

Babcock Music	\$3,000 00
Boston Common Tree	5,000 00
Boston Firemen's Relief	226,000 00
Cemetery	152,396 00
Charlestown Poor	33,974 27
City Hospital	76,550 00
Fitzgerald Firemen's Gold Medal	1,000 00
Fitzgerald, Thomas	1,188 36
Foss Seventeenth of June and Flag	4,000 00
Franklin	12,000 00
Franklin Accumulating	208,898 14
Franklin Union	460,478 48
George B. Hyde	4,795 95
John Foster	492 26
John Larkin	200 00
Ellen C. Johnson	4,246 62
Old State House Repair	3,000 00
Overseers of the Poor, including income unexpended	858,774 79
Parkman, George F.	4,304,000 00
Phillips Street	20,000 00
Police Charitable	207,550 00
Poor Widows	3,200 00
Public Library	443,857 89
Randidge	50,000 00
Samuel E. Sawyer (see, also, School Funds)	2,400 00
Schools	140,522 41
Permanent School Pension	181,144 79
Public School Teachers' Retirement	355,709 86
Total	<u>\$7,764,379 82</u>

APPROPRIATIONS, 1911-12.

CITY OF BOSTON.

IN CITY COUNCIL, March 27, 1911.

Ordered, That to meet the following expenses during the financial year beginning with the first day of February, 1911, the respective sums of money hereinafter specified be, and the same are, hereby appropriated for the purposes stated, and that the said amounts be raised by taxation upon the polls and estates taxable in the City of Boston.

CITY COUNCIL: Forty-eight thousand five hundred dollars—		
Salaries	\$13,500 00	
City Council proceedings	10,000 00	
Incidental expenses	25,000 00	
		\$48,500 00
BOSTON INFIRMARY DEPARTMENT: New Boat, Additional: Two thousand five hundred dollars		2,500 00
MAYOR, PUBLIC CELEBRATIONS: Forty thousand dollars		40,000 00
RESERVE FUND (for the payment of claims, executions of court, court fees, expert witnesses and other legal expenses, and for transfers): Two hundred thousand dollars, ...		200,000 00
CITY DEBT REQUIREMENTS: Five million sixty-four thousand seven hundred forty-eight dollars—		
Sinking funds	\$1,462,998 00	
Serial loans	223,750 00	
Interest	3,378,000 00	
		5,064,748 00
COUNTY DEBT REQUIREMENTS: Two hundred seventeen thousand one hundred eighty-eight dollars forty-five cents—		
Sinking funds and principal	\$76,875 67	
Interest	140,312 78	
		217,188 45
		<u>\$5,572,936 45</u>

Passed, yeas 7, nays 0.

Approved by the Mayor March 28, 1911.

Attest:

W. J. DOYLE, *Assistant City Clerk.*

CITY OF BOSTON.

IN CITY COUNCIL, April 10, 1911.

Ordered, That from the cash surplus in the treasury there be appropriated the sum of eight hundred thousand dollars (\$800,000), to be expended by the Superintendent of Public Buildings, for the erection of an annex to City Hall on the site of the present Old Court House.

Passed, yeas 9.

Approved by the Mayor April 13, 1911.

Attest:

W. J. DOYLE, *Assistant City Clerk.*

CITY OF BOSTON.

APPROPRIATION AND TAX ORDERS FOR THE FINANCIAL
YEAR 1911-12.

Ordered, That to meet the current expenses payable during the financial year beginning with the first day of February, 1911, of performing the duties and exercising the powers devolved by statute or ordinance, or by vote of the City Council during the year, upon the City of Boston, or the County of Suffolk, or the departments or officers thereof, the respective sums of money hereinafter specified be, and the same are, hereby appropriated for the several departments, and for the objects and purposes hereinafter stated.

Ordered, That the appropriations for Water Service, current expenses, and the payments to the state under the provisions of chapter 488 of the Acts of 1895 and acts in addition or amendment thereto, and for the interest requirement for loans issued for water purposes, be met by the income from said works and any excess over income from taxes; that the other appropriations hereinafter specified or heretofore made be met out of the money remaining in the treasury at the close of business on January 31, 1911, exclusive of the money raised by loan or needed to carry out the requirements of any statute, gift, trust, or special appropriation, and by the income of the financial year, beginning February 1, 1911, and by taxes to the amount of \$14,559,667.62, and that said amount be raised by taxation on the polls and estates taxable in the City of Boston.

Ordered, That all sums of money which form no part of the income of the city, but shall be paid for services rendered or work done by any department or division for any other department or division, or for any person or corporation other than the City of Boston, be paid into the general treasury and then credited to the appropriation of the department or division rendering such service or doing such work, and that all contributions made to any appropriation be expended for the objects and purposes directed by the several contributors thereof.

Ordered, That to provide temporarily money to meet the appropriations aforesaid, the City Treasurer issue and sell, at such times and in such amounts as he may deem best, notes or certificates of indebtedness of the City of Boston, not exceeding nine million dollars in the total, in anticipation of the taxes of the current municipal year; that all such notes or certificates of indebtedness be dated the day the money for the same is received, be made payable with the interest thereon at the office of the City Treasurer within the current financial year, from the taxes of said year, and bear interest from their date until the same are made payable at such rate as said treasurer shall deem proper.

Ordered, That all taxes raised to meet the appropriations of the City Council, and all taxes assessed for meeting the city's proportion of the state tax of the year 1911, or of any other taxes or assessments payable to the Commonwealth, be due and payable on the first day of October, 1911; that all such taxes paid after the first day of November, 1911, bear interest from and including said day until paid, at the rate of six per cent per annum, except the taxes assessed upon shares of stock of national banks shall bear interest at the rate of twelve per cent per annum from and including said first day of November until paid; and that all interest which shall have become due on taxes shall be added to and be a part of such taxes.

ART DEPARTMENT: Twenty-five hundred dollars	\$2,500 00
ASSESSING DEPARTMENT: One hundred seventy-five thousand dollars	175,000 00
AUDITING DEPARTMENT: Forty-six thousand three hundred dollars	46,300 00
<i>Carried forward</i>	<u>\$223,800 00</u>

<i>Brought forward</i>	\$223,800 00
BATH DEPARTMENT: One hundred eighty-six thousand dollars	186,000 00
BUILDING DEPARTMENT: One hundred sixteen thousand dollars —	
Building Department	\$113,000 00
Board of Appeal	3,000 00
	116,000 00
CEMETERY DEPARTMENT: Seventy-five thousand dollars	75,000 00
CITY CLERK DEPARTMENT: Forty-six thousand dollars	46,000 00
CITY DOCUMENTS: Thirty-six thousand dollars	36,000 00
COLLECTING DEPARTMENT: One hundred thirty-five thousand dollars	135,000 00
CONSUMPTIVES' HOSPITAL DEPARTMENT: One hundred eighty-eight thousand dollars	188,000 00
ELECTION DEPARTMENT: One hundred forty-one thousand dollars	141,000 00
FINANCE COMMISSION: Thirty-five thousand dollars,	35,000 00
FIRE DEPARTMENT: One million six hundred thousand dollars —	
Current expenses	\$1,492,000 00
Pensions	108,000 00
	1,600,000 00
HEALTH DEPARTMENT: Two hundred seventy-seven thousand dollars	277,000 00
HOSPITAL DEPARTMENT: Five hundred fifty thousand dollars	550,000 00
INSTITUTIONS:	
BOSTON INFIRMARY DEPARTMENT: One hundred eighty-four thousand five hundred dollars —	
Boston Almshouse and Hospital	\$149,600 00
Almshouse, Charlestown	16,400 00
Pauper expenses	6,500 00
Office expenses	4,700 00
Steamer "George A. Hibbard"	7,300 00
	184,500 00
CHILDREN'S INSTITUTIONS DEPARTMENT:	
Two hundred three thousand five hundred dollars —	
Placing Out and Office Division	\$103,000 00
Parental School	55,500 00
Suffolk School for Boys	45,000 00
	203,500 00
INSTITUTIONS REGISTRATION DEPARTMENT:	
Twenty-one thousand two hundred dollars,	21,200 00
STEAMER "MONITOR": Twenty-seven thousand dollars	27,000 00
LAW DEPARTMENT: Fifty-one thousand dollars	51,000 00
LIBRARY DEPARTMENT: Three hundred fifty-five thousand two hundred dollars	355,200 00
LICENSING BOARD: Forty thousand dollars	40,000 00
MARKET DEPARTMENT: Eleven thousand five hundred dollars	11,500 00
MAYOR: Fifty-seven thousand five hundred dollars —	
Office expenses, etc.	\$50,500 00
Bureau of Information	7,000 00
	57,500 00
MUSIC DEPARTMENT: Seventeen thousand six hundred dollars	17,600 00
<i>Carried forward</i>	\$4,577,800 00

<i>Brought forward</i>		\$4,577,800 00
OVERSEEING OF THE POOR DEPARTMENT:		
One hundred forty-two thousand five hundred dollars,		142,500 00
PARK DEPARTMENT: Three hundred eighty-five thousand dollars		385,000 00
POLICE DEPARTMENT: Two million one hundred eighty five thousand dollars —		
Current expenses	\$2,053,201 00	
Pensions	131,799 00	
		2,185,000 00
PRINTING DEPARTMENT: Salary of Superintendent and operating expenses to be met by revenue.		
PUBLIC BUILDINGS DEPARTMENT: Two hundred thousand dollars		200,000 00
PUBLIC GROUNDS DEPARTMENT: One hundred fifty-eight thousand two hundred dollars		158,200 00
PUBLIC WORKS DEPARTMENT: Four million one hundred ninety-one thousand two hundred dollars —		
Central office	\$80,000 00	
Bridge and Ferry Division	553,000 00	
Highway Division	3,257,000 00	
Sewer and Water Division, Sewer Service	301,200 00	
		4,191,200 00
REGISTRY DEPARTMENT: Forty thousand dollars . .		40,000 00
SINKING FUNDS DEPARTMENT: Two thousand four hundred dollars		2,400 00
SOLDIERS' RELIEF DEPARTMENT: Two hundred twenty thousand dollars		220,000 00
STATISTICS DEPARTMENT: Thirteen thousand dollars —		
Statistics Department	\$12,000 00	
City Record, publication of	1,000 00	
		13,000 00
STREET LAYING-OUT DEPARTMENT: One hundred twenty-four thousand dollars		124,000 00
SUPPLY DEPARTMENT: Fourteen thousand dollars . .		14,000 00
TREASURY DEPARTMENT: Forty-eight thousand six hundred dollars		48,600 00
WEIGHTS AND MEASURES DEPARTMENT: Twenty-four thousand two hundred twenty-six dollars . .		24,226 00
WIRE DEPARTMENT: Sixty-two thousand dollars . .		62,000 00
COUNTY OF SUFFOLK: One million three hundred thirty-one thousand seven hundred eleven dollars —		
County Buildings	\$94,200 00	
Jail	66,875 00	
Supreme Judicial Court, ...	41,000 00	
Superior Court, Civil Session	319,679 00	
Superior Court, Criminal Session	162,000 00	
Probate Court	31,590 00	
Municipal Court, Justices	40,100 00	
Municipal Court, Civil Session	29,900 00	
Municipal Court, Criminal Session	83,900 00	
Municipal Court, Charlestown District, ...	12,000 00	
<i>Carried forward</i>	\$881,244 00	\$12,387,926 00

<i>Brought forward</i> . . .	\$881,244 00	\$12,387,926 00
East Boston District Court . . .	10,320 00	
Municipal Court, South Boston District . . .	12,700 00	
Municipal Court, Dorchester District . . .	8,870 00	
Municipal Court, Roxbury District . . .	23,000 00	
Municipal Court, West Roxbury District . . .	9,382 00	
Municipal Court, Brighton District . . .	6,000 00	
Boston Juvenile Court . . .	11,300 00	
Police Court, Chelsea . . .	13,300 00	
Registry of Deeds . . .	56,000 00	
Index Commissioners . . .	15,000 00	
Insanity cases . . .	22,500 00	
Land Court . . .	2,500 00	
Medical examinations . . .	22,000 00	
Miscellaneous expenses, . . .	11,595 00	
		\$1,105,711 00
PENAL INSTITUTIONS DEPARTMENT:		
House of Correction . . .	\$205,000 00	
Office expenses . . .	21,000 00	
		226,000 00
		1,331,711 00
		\$13,719,637 00

WATER SERVICE: One million twenty-eight thousand nine hundred sixty dollars. (To be paid by water income.)

Current expenses and extensions of mains, . . .	\$900,000 00	
Debt requirements. (Interest.) . . .	128,960 00	
		\$1,028,960 00

IN CITY COUNCIL, April 10, 1911.

Passed, yeas 9, nays 0.

Approved by the Mayor April 13, 1911.

Attest:

W. J. DOYLE, *Assistant City Clerk.*

CITY OF BOSTON.

IN CITY COUNCIL, April 14, 1911.

Ordered, That the sum of three thousand dollars (\$3,000) be added to the appropriation for Dover Street Bridge, to be expended by the Commissioner of Public Works for a temporary footbridge, and that the said amount be raised by taxation upon the polls and estates taxable in the City of Boston.

Passed, yeas 7, nays 0.

Approved by the Mayor April 15, 1911.

Attest:

W. J. DOYLE, *Assistant City Clerk.*

CITY OF BOSTON.

IN CITY COUNCIL, May 15, 1911.

Ordered, That the sum of two thousand dollars (\$2,000) be added to the appropriation for Mayor, Public Celebrations, to be expended in accordance with the program of the Municipal Athletic Association, and that said sum be met by taxes to the amount so appropriated, and be raised by tax upon the polls and estates taxable in the City of Boston.

Passed, yeas 7, nays 0.

Approved by the Mayor May 18, 1911.

Attest:

W. J. DOYLE, *Assistant City Clerk*.

CITY OF BOSTON.

IN CITY COUNCIL, August 22, 1911.

Ordered, That the sums of money hereinafter specified be, and the same are, hereby appropriated for the objects and purposes hereinafter stated, that said sums be met by taxes to the amount so appropriated, and be raised by tax upon the polls and estates taxable in the City of Boston, and that all orders heretofore passed relating to taxes and the interest thereon apply to the taxes herein provided for.

To be expended by the Commissioner of Public Works for repairs on ferry landings	\$52,000 00
To be expended by the Superintendent of Public Grounds for moth destruction work	25,000 00
To be expended by the Penal Institutions Commissioner for Deer Island improvements	41,700 00
To be expended by the Trustees of the Boston City Hospital for improvement of mortuary at City Hospital	15,000 00
To be expended by the Superintendent of Public Grounds for street trees	20,000 00
	<u>\$153,700 00</u>

Passed, yeas 7, nays 0.

Approved by the Mayor August 22, 1911.

Attest:

W. J. DOYLE, *Assistant City Clerk*.

CITY OF BOSTON.

IN CITY COUNCIL, August 22, 1911.

Ordered, That the sums of money hereinafter specified be, and the same are, hereby appropriated for the objects and purposes hereinafter stated, that said sums be met by taxes to the amount so appropriated, and be raised by tax upon the polls and estates taxable in the City of Boston, and that all orders heretofore passed relating to taxes and the interest thereon apply to the taxes herein provided for.

To be expended by the Board of Park Commissioners for improvements at Charlestown Heights and Dewey Beach,	\$20,000 00
To be expended by the Board of Park Commissioners for Savin Hill Playground, filling, grading and improvements	10,000 00
<i>Carried forward</i>	<u>\$30,000 00</u>

APPROPRIATIONS, 1911-1912.

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<i>Brought forward</i>	\$30,000 00
To be expended by the Board of Park Commissioners for improvements on Governor's Island	20,000 00
To be expended by the Board of Park Commissioners for trees on Commonwealth avenue	10,000 00
To be expended by the Board of Park Commissioners for gables at Franklin Field locker building	1,000 00
To be expended by the Board of Park Commissioners for Copp's Hill Playground, shelter	28,500 00
To be expended by the Board of Park Commissioners for Billings Field, grading	1,000 00
To be expended by the Board of Park Commissioners for Rogers park, planting and grading	1,500 00
To be expended by the Board of Park Commissioners for Dorchester park, water supply and fountains	750 00
To be expended by the Board of Park Commissioners for four spraying machines	4,400 00
	<u>\$97,150 00</u>

Passed, yeas 7, nays 0.

Approved by the Mayor August 22, 1911.

Attest:

W. J. DOYLE, *Assistant City Clerk.*

CITY OF BOSTON.

IN CITY COUNCIL, August 22, 1911.

Ordered, That the sum of money hereinafter specified be, and the same is, hereby appropriated for the object and purposes hereinafter stated, that said sum be met by taxes to the amount so appropriated, and be raised by tax upon polls and estates taxable in the City of Boston, and that all orders heretofore passed relating to taxes and the interest thereon apply to the taxes herein provided for.

For Reserve Fund	<u>\$300,000 00</u>
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Passed, yeas 7, nays 0.

Approved by the Mayor, August 22, 1911.

Attest:

W. J. DOYLE, *Assistant City Clerk.*

CITY OF BOSTON.

IN SCHOOL COMMITTEE, April 3, 1911.

Ordered, That to meet the current expenses of the School Committee and provide funds for repairs and alterations of school buildings, rents of hired school accommodations, pensions to teachers, etc., during the financial year February 1, 1911, to January 31, 1912, the following sums be appropriated for the purposes stated:

Salaries of instructors	\$3,293,686 00
Salaries of officers	115,000 00
Salaries of janitors	265,000 00
Fuel and light	170,000 00
Supplies and incidentals	310,545 39

<i>Carried forward</i>	<u>\$4,154,231 39</u>
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<i>Brought forward</i>	\$4,154,231 39
Water	67,000 00
Physical education	54,216 67
Physical education, special appropriation	20,000 00
Salaries and expenses of nurses	28,781 10
Pensions	67,770 84
Repairs and alterations to school buildings	339,000 00
Rents of hired school accommodations	28,000 00
Total amount appropriated	<u>\$4,759,000 00</u>

Passed, yeas 5, nays 0.

Approved by the Mayor, April 12, 1911.

A true copy.

Attest:

THORNTON D. APOLLONIO, *Secretary*.

CITY OF BOSTON.

IN SCHOOL COMMITTEE, April 17, 1911.

Ordered, That in accordance with the provisions of chapter 388 of the Acts of 1909 the sum of four hundred five thousand dollars (\$405,000) is hereby appropriated for the purpose of constructing and furnishing new school buildings, including the taking of land therefor, and for schoolyards, and the preparing of schoolyards for use.

Passed, yeas 5, nays 0.

Approved by the Mayor, April 21, 1911.

A true copy.

Attest:

THORNTON D. APOLLONIO, *Secretary*.

CITY OF BOSTON.

IN SCHOOL COMMITTEE, July 20, 1911.

Ordered, That the Board of Assessors is hereby notified that the School Committee has appropriated, under authority granted it by the Legislature of Massachusetts, the sum of \$5,164,000 for the support of the public schools, for the purpose of constructing and furnishing new school buildings, including the taking of land therefor, and for schoolyards and the preparing of schoolyards for use, and for other purposes, for the financial year beginning February 1, 1911.

Of this amount \$5,026,971.38 should be included by said Board in the total amount to be raised by taxation, and the balance, \$137,028.62, to be obtained as follows:

Unexpended balance, general appropriation 1910-11	\$35,093 17
Excess of income over amount estimated 1910-11	13,648 57
Estimated income 1911-12	88,286 88
	<u>\$137,028 62</u>

Passed.

A true copy.

Attest:

THORNTON D. APOLLONIO, *Secretary*.

Total appropriations for 1911-1912, as passed by City Council	\$20,648,423 45	
School Committee	5,164,000 00	
		\$25,812,423 45
Amount of State tax		1,880,395 00
Abatement of smoke assessment		3,987 15
Abolishment of grade crossings, assessments:		
Principal	\$101,303 41	
Interest	14,811 88	
		116,115 29
Charles River Basin assessment:		
Principal		59,824 85
Metropolitan park assessments:		
Sinking fund	\$82,083 77	
Interest	228,008 33	
Maintenance	291,434 67	
		601,526 77
Metropolitan sewer assessments:		
Sinking fund	\$45,447 02	
Interest	155,208 41	
Maintenance	79,334 09	
		279,989 52
Washington street, West Roxbury (chapter 574, Acts of 1907):		
Assessment	\$66 50	
Interest	2 00	
		68 50
Repairs of state highways (chapter 47, Revised Laws) .		70 00
Highway assessment (County):		
Assessment	\$383 76	
Interest	11 51	
		395 27
		<u>\$28,754,795 80</u>

WAYS AND MEANS

OTHER THAN TAXES.

1911-1912.

An estimate of the Ways and Means, other than taxes, of meeting the Expenditures of the CITY OF BOSTON AND COUNTY OF SUFFOLK for the financial year 1911-12:

Bath Department	\$20,000 00
Cemetery Department	25,000 00
City Clerk Department	7,000 00
Collecting Department	30,000 00
Collecting bank tax	5,000 00
Fire Department	2,500 00
Gypsy and Brown-tail Moth Suppression	10,000 00
Health Department	7,600 00
Hospital Department	120,000 00
Institutions:	
Boston Infirmary Department	4,000 00
Interest	200,000 00
Library Department	5,000 00
Licensing Board	20,000 00
Market Department	124,000 00
Mayor	17,000 00
Overseeing of the Poor Department	17,000 00
Park Department	5,000 00
Police Department	22,000 00
Public Buildings Department	10,000 00
Public Works Department	206,000 00
Registry Department	9,000 00
Soldiers' Relief Department	111,000 00
Street Laying-Out Department	20,000 00
Weights and Measures Department	9,000 00
County of Suffolk	190,000 00
Corporation tax	1,450,000 00
Liquor license revenue	1,000,000 00
Street railway tax	400,000 00
Cash in treasury January 31, 1911, unappropriated	\$4,046,100 00
School Committee:	
Estimated income	\$88,286 88
Amount remaining in treasury for school purposes (chapter 400, Acts of 1898)	35,093 17
Excess of income over estimate, 1910-11, ...	13,648 57
	137,028 62
	\$5,669,934 45
Appropriations as stated on page 365	\$25,812,423 45
Income other than taxes	5,669,934 45
Amount to be raised in 1911, from taxes, to meet the appropriations for the financial year 1911-1912	\$20,142,489 00
Carried forward	\$20,142,489 00

<i>Brought forward</i>	\$20,142,489 00
Add State Tax, assessed independently of the City Council	1,880,395 00
Abatement of smoke assessment	3,987 15
Abolishment of grade crossing assessments	116,115 29
Charles River Basin assessment	59,824 85
Metropolitan park assessments	601,526 77
Metropolitan sewer assessments	279,989 52
Washington street, West Roxbury, assessment	68 50
Repairs of State highways	70 00
Highway assessment (County)	395 27
	<u>\$23,084,861 35</u>

For bases of appropriation bill, see page 282.

For detail of State assessment, see page 176.

TRANSFERS OF APPROPRIATIONS, 1911-1912.

From the Appropriation for	To the Appropriation for	Amounts.	Totals.
Reserve Fund.....	Assessing Department....		\$2,639 67
Reserve Fund.....	Bath Department.....		18,218 09
Reserve Fund.....	Fort Point Channel, Floating Bath House.		6,000 00
Reserve Fund.....	Freeport Street Bath- ing Beach.		9,000 00
Reserve Fund.....	Locker Building, Te- nean Beach.		1,500 00
Handball Court and Shower Baths, L Street Bath House.	L Street Bath, addi- tions, etc.		2,500 00
Reserve Fund.....	McKenzie Beach, im- provements.		2,000 00
Reserve Fund.....	North End Pier, build- ings, etc.		5,000 00
Reserve Fund.....	Building Department....		1,600 00
Reserve Fund.....	Board of Appeal.....		1,146 52
Police Department.....	Cemetery Department...	\$1,469 54	
Reserve Fund.....	Cemetery Department...	1,387 49	
			2,857 03
Reserve Fund.....	Dorchester North Burial Ground.		9,000 00
Reserve Fund.....	City Council Proceedings,		2,500 00
Consumptives' Hospital Depart- ment:	Consumptives' Hospital Department:		
Completion of second ward....	Domestic building....		2,500 00
Reserve Fund.....	Fire Department.....	\$7,700 00	
Police Department.....	Fire Department.....	343 09	
			8,043 09
Reserve Fund.....	Fireboat Quarters and Pier, Northern Ave.		35,000 00
Bathing Establishment, Ward 15,	Fire Station, Lauriat Avenue District.	\$753 56	
Footbridge, Washington Street to Hyde Park Avenue.	Fire Station, Lauriat Avenue District.	8 51	
			762 07
Reserve Fund.....	Fire Station, Oak square and Faneuil section.		10,000 00
Reserve Fund.....	Health Department.....		23,442 00
Reserve Fund.....	Convenience stations...		50,000 00
Reserve Fund.....	Highways, making of....		25,000 00
Carried forward.....			\$218,708 47

TRANSFERS OF APPROPRIATIONS, 1911-12.—Continued.

From the Appropriation for	To the Appropriation for	Amounts.	Totals.
<i>Brought forward</i>			\$218,708 47
Hospital Department:	Hospital Department:		
Fireproofing engine room building.	City Hospital, fireproofing.	\$25,000 00	
New electrical machines.....	City Hospital, fireproofing.	10,500 00	
New wiring.....	City Hospital, fireproofing.	8,028 67	43,528 67
Reserve Fund.....	Hospital Ambulances.....		9,000 00
Reserve Fund.....	Improvement of mortuary.		13,000 00
Reserve Fund.....	Mechanical stokers.....		11,000 00
Boston Infirmary Department:	Boston Infirmary Department:		
Pauper expenses.....	Steamer "George A. Hibbard."		449 32
Pauper expenses.....	Boston Almshouse and Hospital.	\$1,900 04	
Almshouse, Charlestown.....	Boston Almshouse and Hospital.	744 40	
Office expenses.....	Boston Almshouse and Hospital.	78 07	
Police Department.....	Boston Almshouse and Hospital.	3,580 67	
Reserve Fund.....	Boston Almshouse and Hospital.	706 01	7,009 19
Reserve Fund.....	Steamer "Monitor".....		1,500 00
Children's Institutions Department:	Children's Institutions Department:		
Suffolk School for Boys.....	Placing Out and Office Division.	\$6,346 35	
Parental School.....	Placing Out and Office Division.	900 00	7,246 35
Library Department:	Library Department:		
Branch Library, Charlestown, estate.	Branch Library, Charlestown.	\$15,000 00	
Alterations and completion..	Branch Library, Charlestown.	15,000 00	
Reserve Fund.....	Branch Library, Charlestown.	30,000 00	60,000 00
Reserve Fund.....	Branch Library, East Boston.		50,000 00
Police Department.....	Market Department.....		4 80
	Mayor:		
Reserve Fund.....	Office expenses, etc.....		2,700 00
<i>Carried forward</i>			\$424,146 80

TRANSFERS OF APPROPRIATIONS, 1911-12.— *Continued.*

From the Appropriation for	To the Appropriation for	Amounts.	Totals.
<i>Brought forward</i> ^e			\$424,146 80
	Mayor — <i>Concluded.</i>		
Reserve Fund.....	Public celebrations.....		800 00
Reserve Fund.....	Overseeing of the Poor Department.		5,023 22
Reserve Fund.....	Park Department.....		10,000 00
Reserve Fund.....	Bath house, Dewey Beach.		24,000 00
George F. Parkman Fund, Income.	Charlesbank improvement.		1,200 00
Reserve Fund.....	Charlestown Heights, fence.		1,200 00
Reserve Fund.....	Columbia Road Assessments, Repayment of,		8,000 00
Reserve Fund.....	Columbus Avenue Playground, grading and gateways.		2,000 00
Reserve Fund.....	Commonwealth avenue, trees.		10,000 00
Reserve Fund.....	Cottage Street Playground, grading and fencing.		750 00
Reserve Fund.....	Fellows Street Playground, sanitary building.		5,000 00
Reserve Fund.....	Fens, improvements...		17,250 00
Reserve Fund.....	Forest Hills Playground, locker building.		15,000 00
Reserve Fund.....	Franklin Field, grading,		10,000 00
Reserve Fund.....	Franklin Field, tennis courts.		4,000 00
Reserve Fund.....	Jamaica Pond, shelter and boat landing.		20,000 00
Bathing Establishment, Ward 15,	Locker and sanitary building, Strandway Playground.		20,000 00
Reserve Fund.....	Marine Park pier head, completion of.		3,000 00
Reserve Fund.....	Marine Park, sanitary accommodations.		2,000 00
Reserve Fund.....	Mystic Playground, sea wall and fence.		14,000 00
Reserve Fund.....	Playground accommodations, Mattapan district.		25,000 00
Reserve Fund.....	Playground accommodations, Ward 2.		50,000 00
Playground, Parker Hill.....	Playground accommodations, Ward 19.	\$60,000 00	
<i>Carried forward</i>		\$60,000 00	\$672,370 02

TRANSFERS OF APPROPRIATIONS, 1911-12. —Continued.

From the Appropriation for	To the Appropriation for	Amounts.	Totals.
<i>Brought forward</i>.....	.....	\$60,000 00	\$672,370 02
	Park Department — <i>Concluded.</i>		
Reserve Fund.....	Playground accommodations, Ward 19.	40,000 00	100,000 00
Playground, Wards 7 and 9....	Playground, Ward 7.....		16,831 46
Reserve Fund.....	Playgrounds, Ward 13.....		4,000 00
Massachusetts Avenue Bridge...	Playground, Ward 17..	\$1,384 51	
School Building, Parental School,	Playground, Ward 17..	385 66	
Bathing Establishment, Ward 15,	Playground, Ward 17..	94 52	1,864 69
Reserve Fund.....	Playground, Ward 23.....		25,000 00
Reserve Fund.....	Playground, Ward 25.....		15,000 00
Reserve Fund.....	Prince Street Playground, improvements.		3,000 00
Savin Hill Playground, Improvements.	Savin Hill Park, improvements.		3,500 00
Reserve Fund.....	Savin Hill Playground, improvements.		3,500 00
George F. Parkman Fund, Income.	Seating accommodations.		3,000 00
Reserve Fund.....	Strandway, Playground, grading.		5,000 00
George F. Parkman Fund, Income.	Zoological Garden and Aquarium.		88,200 00
Reserve Fund.....	Public Buildings Department.	\$17,810 00	
Police Department.....	Public Buildings Department.	1,550 56	19,360 56
Bathing Establishment, Ward 15,	Municipal Building, South Boston.		30,000 00
Reserve Fund.....	Municipal Building, Ward 7.		90,000 00
Reserve Fund.....	Vine Street Building...		3,000 00
	Public Grounds Department:		
George F. Parkman Fund, Income.	Boston Common and Public Garden, irrigation system, etc.		66,100 00
George F. Parkman Fund, Income.	Seating accommodations.		4,000 00
Reserve Fund.....	Thomas Park, repairing monument.		3,000 00
Thomas Park, Repairing Monument.	Highland Park Improvements.		3,000 00
<i>Carried forward</i>.....	.....		\$1,159,726 73

TRANSFERS OF APPROPRIATIONS, 1911-12.—Continued.

From the Appropriation for	To the Appropriation for	Amounts.	Totals.
<i>Brought forward</i>.....	.....	.....	\$1,159,726 73
	Public Grounds Department.— <i>Concluded.</i>		
Reserve Fund.....	Convenience station, City square and at or near Park square.	.....	22,000 00
George F. Parkman Fund, Income.	Convenience stations, etc.	.....	25,000 00
	Public Works Department:		
Bridge and Ferry Division.....	Highway Division.....	.....	2,043 37
	Sewer and Water Division:		
Bridge and Ferry Division.....	Sewer Service.....	.....	5,843 91
City Debt Requirements, Interest.	Water Service.....	.....	31,777 31
Police Department.....	Abolishment of Grade Crossings.	.....	2,021 00
Reserve Fund.....	Broadway Bridge over Boston & Albany Railroad.	.....	657 02
Albany Street Bridge.....	Dover Street Bridge...	\$2,320 62	
Neponset Bridge, Rebuilding....	Dover Street Bridge...	2,000 00	
Summer Street Bridge.....	Dover Street Bridge...	2,500 00	
			6,820 62
Reserve Fund.....	Mystic Avenue Bridge..	.....	6,720 17
Albany Street Bridge.....	West Fourth Street Bridge.	\$2,000 00	
Chelsea Bridge North.....	West Fourth Street Bridge.	5,000 00	
			7,000 00
Reserve Fund.....	Tunnel under railroad tracks between Boylston and Green sts., Jamaica Plain.	.....	20,000 00
Reserve Fund.....	Memorial Fountain, Post Office Square.	.....	2,000 00
School Committee.....	Schoolhouse Department,	.....	27,000 00
	Street Laying-Out Department:		
Reserve Fund.....	Blandford and Beacon Streets, Passageway.	.....	2,500 00
Reserve Fund.....	Northern Avenue and Sleeper Street.	.....	564 71
Reserve Fund.....	Union Park Street.....	.....	75,000 00
Police Department.....	Weights and Measures Department.	.....	475 77
	County of Suffolk:		
Reserve Fund.....	County buildings.....	.....	1,650 00
<i>Carried forward</i>.....	.....	.....	\$1,398,800 61

TRANSFERS OF APPROPRIATIONS, 1911-12.— *Continued.*

From the Appropriation for	To the Appropriation for	Amounts.	Totals.
<i>Brought forward</i>.....	.....	.....	\$1,398,800 61
Municipal Court, Criminal Session.	Superior Court, Civil Session.	\$8,142 00	
Supreme Judicial Court.....	Superior Court, Civil Session.	3,067 96	
Probate Court.....	Superior Court, Civil Session.	2,244 14	
Reserve Fund.....	Superior Court, Civil Session.	3,000 00	
Municipal Court, Civil Session...	Superior Court, Civil Session.	982 48	
Municipal Court, Dorchester District.	Superior Court, Civil Session.	889 77	
County Buildings.....	Superior Court, Civil Session.	636 10	
Municipal Court, Roxbury District.	Superior Court, Civil Session.	179 90	19,142 35
Index Commissioners.....	Superior Court, Criminal Session.	\$2,428 56	
Insanity Cases.....	Superior Court, Criminal Session.	1,808 04	
Municipal Court, Roxbury District.	Superior Court, Criminal Session.	1,287 03	
Land Court.....	Superior Court, Criminal Session.	894 14	
Miscellaneous Expenses, County of Suffolk.	Superior Court, Criminal Session.	81 18	
Reserve Fund.....	Superior Court, Criminal Session.	10,500 00	16,998 95
Reserve Fund.....	Probate Court.....	.....	4,500 00
Reserve Fund.....	Municipal Court Justices, .....	.....	1,188 75
Reserve Fund.....	East Boston District Court.	.....	177 34
Reserve Fund.....	East Boston District Court, temporary quarters.	.....	2,200 00
Reserve Fund.....	Municipal Court, South Boston District.	.....	225 09
Reserve Fund.....	Boston Juvenile Court...	\$272 28	
Miscellaneous Expenses, County of Suffolk.	Boston Juvenile Court...	109 87	382 15
Reserve Fund.....	Police Court, Chelsea....	\$432 13	
Miscellaneous Expenses, County of Suffolk.	Police Court, Chelsea....	200 00	632 13
Miscellaneous Expenses, County of Suffolk.	Registry of Deeds.....	.....	255 24
Reserve Fund.....	Land Court.....	.....	2,500 00
<i>Carried forward</i>.....	.....	.....	\$1,447,002 61

TRANSFERS OF APPROPRIATIONS, 1911-12.— *Concluded.*

From the Appropriation for	To the Appropriation for	Amounts.	Totals.
<i>Brought forward</i>.....	.....	.....	\$1,447,002 61
Health Department.....	Medical examinations....	.....	2,500 00
Reserve Fund.....	Miscellaneous expenses....	.....	2,500 00
Reserve Fund.....	Jail, furnishings.....	.....	1,500 00
	Penal Institutions Department:		
Reserve Fund.....	House of Correction.....	.....	500 00
Reserve Fund.....	Office expenses.....	.....	100 00
			<u>\$1,454,102 61</u>

APPROPRIATIONS, 1912-13.

CITY OF BOSTON.

IN CITY COUNCIL, February 26, 1912.

Ordered, That the sum of nine thousand dollars (\$9,000) additional be, and hereby is, appropriated, to be expended under the direction of the Hospital Trustees for improvement of mortuary, and that the said amount be raised by taxation upon the polls and estates taxable in the City of Boston.

Passed, yeas 7, nays 0.

Approved by the Acting Mayor February 28, 1912.

Attest:

W. J. DOYLE, *Assistant City Clerk*.

CITY OF BOSTON.

IN CITY COUNCIL, March 25, 1912.

Ordered, That to meet the following expenses during the financial year beginning with the first day of February, 1912, the respective sums of money, hereinafter specified be, and the same are, hereby appropriated for the purposes stated, and that the said amounts be raised by taxation upon the polls and estates taxable in the City of Boston.

MAYOR, PUBLIC CELEBRATIONS: Forty thousand dollars \$40,000 00

RESERVE FUND (for the payment of claims, executions of court, court fees, expert witnesses and other legal expenses, and for transfers): Two hundred fifty thousand dollars 250,000 00

CITY DEBT REQUIREMENTS: Five million seventy-six thousand five hundred twenty-one dollars and forty-nine cents —

Sinking funds \$1,266,508 00

Serial loans 342,013 49

Hyde Park temporary debt 55,000 00

Interest 3,413,000 00

5,076,521 49

COUNTY DEBT REQUIREMENTS: Two hundred sixteen thousand forty-seven dollars thirty-three cents—

Sinking fund and principal \$76,520 66

Interest 139,526 67

216,047 33

\$5,582,568 82

WATER DEBT REQUIREMENTS: One hundred forty-two thousand nine hundred forty-four dollars twenty cents (to be paid by water income) —

Serial loan (Hyde Park)	\$4,434 20	
Interest	138,510 00	
		<u>\$142,944 20</u>

Passed, yeas 8, nays 0.

Approved by the Mayor March 27, 1912.

Attest:

W. J. DOYLE, *Assistant City Clerk.*

CITY OF BOSTON.

IN CITY COUNCIL, April 8, 1912.

Ordered, That the sum of twenty-five hundred dollars (\$2,500) be and hereby is appropriated, to be expended under the direction of the Superintendent of Public Grounds for Copley Square Plans, and that the said amount be raised by taxation upon the polls and estates taxable in the City of Boston.

Passed, yeas 8, nays 0.

Approved by the Mayor April 10, 1912.

Attest:

W. J. DOYLE, *Assistant City Clerk.*

CITY OF BOSTON.

APPROPRIATION AND TAX ORDERS FOR THE FINANCIAL YEAR 1912-1913.

Ordered, That to meet the current expenses payable during the financial year beginning with the first day of February, 1912, of performing the duties and exercising the powers devolved by statute or ordinance, or by vote of the City Council during the year, upon the City of Boston, or the County of Suffolk, or the departments or officers thereof, and to meet their respective obligations for interest on debt, sinking fund requirements and maturing debt not provided for by sinking fund, the respective sums of money hereinafter specified be, and the same are, hereby appropriated for the several departments, and for the objects and purposes hereinafter stated.

Ordered, That the appropriations for Water Service, current expenses, and the payments to the state under the provisions of chapter 488 of the Acts of 1895 and acts in addition or amendment thereto, and for the interest and debt requirements for loans issued for water purposes, be met by the income from said works and any excess over income from taxes; that the other appropriations hereinafter specified be met out of the money remaining in the treasury at the close of business on January 31, 1912, exclusive of the money raised by loan or needed to carry out the requirements of any statute, gift, trust, or special appropriation, and by the income of the financial year beginning February 1, 1912, and by taxes to the amount of \$14,641,968.40, and that said amount be raised by taxation on the polls and estates taxable in the City of Boston.

Ordered, That all sums of money which form no part of the income of the city, but shall be paid for services rendered or work done by any department or division for any other department or division, or for any person

or corporation other than the City of Boston, be paid into the general treasury and then credited to the appropriation of the department or division rendering such service or doing such work, and that all contributions made to any appropriation be expended for the objects and purposes directed by the several contributors thereof.

Ordered, That to provide temporarily money to meet the appropriations aforesaid, the City Treasurer issue and sell, at such times and in such amounts as he may deem best, notes or certificates of indebtedness of the City of Boston, not exceeding nine million dollars in the total, in anticipation of the taxes of the current municipal year; that all such notes or certificates of indebtedness be dated the day the money for the same is received, be made payable with the interest thereon at the office of the City Treasurer within the current financial year, from the taxes of said year, and bear interest from their date until the same are made payable at such rate as said treasurer shall deem proper.

Ordered, That all taxes raised to meet the appropriation of the City Council, and all taxes assessed for meeting the city's proportion of the state tax of the year 1912, or of any other taxes or assessments payable to the Commonwealth, be due and payable on the first day of October, 1912; that all such taxes paid after the first day of November, 1912, bear interest from and including said day until paid, at the rate of six per cent per annum, except the taxes assessed upon shares of stock of national banks shall bear interest at the rate of twelve per cent per annum from and including said first day of November until paid; and that all interest which shall have become due on taxes shall be added to and be a part of such taxes.

ART DEPARTMENT: Eight hundred dollars	\$800 00
ASSESSING DEPARTMENT: One hundred eighty-one thousand dollars	181,000 00
AUDITING DEPARTMENT: Forty-six thousand nine hundred dollars	46,900 00
BATH DEPARTMENT: Two hundred five thousand dollars	205,000 00
BUILDING DEPARTMENT: One hundred thirty thousand two hundred dollars —	
Building Department	\$126,200 00
Board of Appeal	4,000 00
	130,200 00
CEMETERY DEPARTMENT: Eighty thousand dollars	80,000 00
CITY CLERK DEPARTMENT: Forty-five thousand dollars	45,000 00
CITY COUNCIL: Fifty-one thousand dollars —	
Salaries	\$13,500 00
City Council proceedings	12,500 00
Incidental expenses	25,000 00
	51,000 00
CITY DOCUMENTS: Thirty-six thousand dollars	36,000 00
COLLECTING DEPARTMENT: One hundred thirty-five thousand dollars	135,000 00
CONSUMPTIVES' HOSPITAL DEPARTMENT: Two hundred thousand dollars	200,000 00
ELECTION DEPARTMENT: One hundred sixty thousand eight hundred dollars	160,800 00
FINANCE COMMISSION: Thirty-five thousand dollars	35,000 00
FIRE DEPARTMENT: One million six hundred sixty thousand dollars —	
Current expenses	\$1,548,000 00
Pensions	112,000 00
	1,660,000 00
<i>Carried forward</i>	\$2,966,700 00

<i>Brought forward</i>	\$2,966,700 00
HEALTH DEPARTMENT: Three hundred fifteen thousand dollars	315,000 00
HOSPITAL DEPARTMENT: Five hundred seventy thousand dollars	570,000 00
INSTITUTIONS:	
BOSTON INFIRMARY DEPARTMENT: One hundred ninety-five thousand nine hundred dollars —	
Boston Almshouse and Hospital	\$160,500 00
Almshouse, Charlestown	15,500 00
Pauper expenses	5,500 00
Office expenses	5,200 00
Steamer "George A. Hibbard"	9,200 00
	195,900 00
CHILDREN'S INSTITUTIONS DEPARTMENT:	
Two hundred eleven thousand nine hundred twenty-five dollars —	
Placing Out and Office Division	\$115,125 00
Parental School	52,500 00
Suffolk School for Boys	44,300 00
	211,925 00
INSTITUTIONS REGISTRATION DEPARTMENT: Twenty-two thousand dollars	22,000 00
STEAMER "MONITOR": Thirty thousand nine hundred dollars	30,900 00
LAW DEPARTMENT: Forty-nine thousand dollars	49,000 00
LIBRARY DEPARTMENT: Three hundred sixty-seven thousand one hundred sixty-five dollars	367,165 00
LICENSING BOARD: Thirty-eight thousand dollars	38,000 00
MARKET DEPARTMENT: Eleven thousand nine hundred dollars	11,900 00
MAYOR: Fifty-seven thousand five hundred dollars —	
Office expenses, etc.	\$50,500 00
Bureau of Information	7,000 00
	57,500 00
MUSIC DEPARTMENT: Eighteen thousand dollars	18,000 00
OVERSEEING OF THE POOR DEPARTMENT:	
One hundred sixty thousand four hundred dollars	160,400 00
PARK DEPARTMENT: Four hundred thirty-three thousand dollars	433,000 00
POLICE DEPARTMENT: Two million two hundred sixteen thousand dollars —	
Current expenses	\$2,078,452 00
Pensions	137,548 00
	2,216,000 00
PRINTING DEPARTMENT: Salary of Superintendent and operating expenses to be met by revenue.	
PUBLIC BUILDINGS DEPARTMENT: Two hundred forty thousand dollars	240,000 00
PUBLIC GROUNDS DEPARTMENT: One hundred sixty-two thousand dollars	162,000 00
PUBLIC WORKS DEPARTMENT: Four million four hundred forty-eight thousand seven hundred dollars —	
Central office	\$85,200 00
Bridge and Ferry Division	558,500 00
Highway Division	3,479,000 00
Sewer and Water Division, Sewer Service	326,000 00
	4,448,700 00
<i>Carried forward</i>	\$12,514,090 00

<i>Brought forward.</i>	\$12,514,090 00	
REGISTRY DEPARTMENT: Forty thousand dollars .	40,000 00	
SINKING FUNDS DEPARTMENT: Two thousand three hundred fifty dollars	2,350 00	
SOLDIERS' RELIEF DEPARTMENT: Two hundred ten thousand dollars	210,000 00	
STATISTICS DEPARTMENT: Ten thousand five hundred dollars —		
Statistics Department .	10,500 00	
<i>City Record</i> , publication of: Expenses to be met by revenue.		
STREET LAYING-OUT DEPARTMENT: One hundred thirty-one thousand dollars	131,000 00	
SUPPLY DEPARTMENT: Thirteen thousand dollars .	13,000 00	
TREASURY DEPARTMENT: Forty-eight thousand six hundred dollars	48,600 00	
WEIGHTS AND MEASURES DEPARTMENT: Twenty-seven thousand dollars	27,000 00	
WIRE DEPARTMENT: Sixty-seven thousand dollars	67,000 00	
COUNTY OF SUFFOLK: One million four hundred seven thousand nine hundred four dollars —		
County Buildings . . .	\$100,000 00	
Jail . . .	73,450 00	
Supreme Judicial Court, . . .	41,000 00	
Superior Court, Civil Session . . .	327,112 00	
Superior Court, Criminal Session . . .	200,000 00	
Probate Court . . .	32,220 00	
Municipal Court Justices . . .	43,475 00	
Municipal Court, Civil Session . . .	30,270 00	
Municipal Court, Criminal Session . . .	80,000 00	
Municipal Court, Charlestown District, . . .	13,000 00	
East Boston District Court . . .	11,600 00	
Municipal Court, South Boston District . . .	13,600 00	
Municipal Court, Dorchester District . . .	8,600 00	
Municipal Court, Roxbury District . . .	22,900 00	
Municipal Court, West Roxbury District . . .	9,600 00	
Municipal Court, Brighton District . . .	6,200 00	
Boston Juvenile Court . . .	11,568 00	
Police Court, Chelsea . . .	14,300 00	
Registry of Deeds . . .	57,000 00	
Index Commissioners . . .	13,900 00	
Insanity cases . . .	22,500 00	
Land Court . . .	4,200 00	
Medical examinations . . .	26,000 00	
Early Court Records . . .	3,000 00	
Miscellaneous expenses, . . .	9,895 00	
		\$1,175,390 00

<i>Carried forward</i>	\$1,175,390 00	\$13,063,540 00
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<i>Brought forward</i>	\$1,175,390 00	\$13,063,540 00
PENAL INSTITUTIONS DEPARTMENT:		
House of Correction	\$210,000 00	
Office expenses	22,514 00	
	232,514 00	
		1,407,904 00
		\$14,471,444 00

WATER SERVICE: Eight hundred sixty-five thousand dollars. (To be paid by water income.)

Current expenses and extension of mains	\$865,000 00
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IN CITY COUNCIL, April 16, 1912.

Passed, yeas 7, nays 0.

Approved by the Mayor April 23, 1912.

Attest:

W. J. DOYLE, *Assistant City Clerk.*

CITY OF BOSTON.

IN CITY COUNCIL, April 16, 1912.

Ordered, That the sum of twenty-five thousand dollars (\$25,000) be and hereby is appropriated, to be added to the appropriation for Mayor, Office Expenses, etc., to be expended for the reception of the delegates to the Fifth International Congress of Chambers of Commerce and Industrial and Commercial Associations of the World, and that the said amount be raised by taxation upon the polls and estates taxable in the City of Boston.

Passed, yeas 7, nays 0.

Approved by the Mayor April 23, 1912.

Attest:

W. J. DOYLE, *Assistant City Clerk.*

CITY OF BOSTON.

IN CITY COUNCIL, April 8, 1912.

Ordered, That the sum of four thousand dollars (\$4,000) be and hereby is appropriated for Mayor, Office Expenses, to be expended for the purposes of the Municipal Athletic Association, and that the said amount be raised by taxation upon the polls and estates taxable in the City of Boston, viz:

CONDUCT OF ACTIVITIES.

Indoor Features. (Winter.)

Field and track athletics—boys and young men	\$500 00
Gymnastics	500 00
Swimming—girls and boys	300 00

Outdoor Features. (Summer.)

Field and track athletics—boys and young men	1,000 00
Baseball—boys and young men	800 00
Swimming—girls and boys	500 00

<i>Carried forward</i>	\$3,600 00
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<i>Brought forward</i>	\$3,600 00
Tennis	100 00
Publicity	300 00
Total	<u>\$4,000 00</u>

Passed, yeas 7, nays 0.

Approved by the Mayor April 24, 1912.

Attest:

W. J. DOYLE, *Assistant City Clerk.*

CITY OF BOSTON.

IN CITY COUNCIL, May 6, 1912.

Ordered, That the sum of forty-two thousand dollars (\$42,000) be and hereby is appropriated, to be expended under the direction of the Fire Commissioner for Fire Alarm Branch, Improvements, and that the said amount be raised by taxation upon the polls and estates taxable in the City of Boston.

Passed, yeas 9.

Approved by the Mayor May 8, 1912.

Attest:

W. J. DOYLE, *Assistant City Clerk.*

CITY OF BOSTON.

IN CITY COUNCIL, May 6, 1912.

Ordered, That the sum of fifty thousand dollars (\$50,000) be and hereby is appropriated, to be expended under the direction of the Fire Commissioner for automobile apparatus, and that the said amount be raised by taxation upon the polls and estates taxable in the City of Boston.

Passed, yeas 9.

Approved by the Mayor May 8, 1912.

Attest:

W. J. DOYLE, *Assistant City Clerk.*

CITY OF BOSTON.

IN CITY COUNCIL, May 20, 1912.

Ordered, That the sums of money hereinafter specified be and the same are hereby appropriated for the objects and purposes hereinafter stated; that said sums be raised by taxes to the amount so appropriated and be raised by taxes upon the polls and estates taxable in the City of Boston, and that all orders heretofore passed relating to taxes and the interest thereon apply to the taxes herein provided for:

Police Department	\$103,000 00
Fire Department	62,000 00
Total	<u>\$165,000 00</u>

Passed, yeas 9.

Approved by the Mayor May 22, 1912.

Attest:

W. J. DOYLE, *Assistant City Clerk.*

CITY OF BOSTON.

IN CITY COUNCIL, June 3, 1912.

Ordered, That the sum of one thousand dollars (\$1,000) additional be and hereby is appropriated for the Market Department, and that the said amount be raised by taxation upon the polls and estates taxable in the City of Boston.

Passed, yeas 9.

Approved by the Mayor June 5, 1912.

Attest:

W. J. DOYLE, *Assistant City Clerk.*

CITY OF BOSTON.

IN CITY COUNCIL, June 3, 1912.

Ordered, That the sum of three thousand dollars (\$3,000) additional be and hereby is appropriated for Boston Infirmary Department, Pauper Expenses, and that the said amount be raised by taxation upon the polls and estates taxable in the City of Boston.

Passed, yeas 9.

Approved by the Mayor June 5, 1912.

Attest:

W. J. DOYLE, *Assistant City Clerk.*

CITY OF BOSTON.

IN CITY COUNCIL, June 3, 1912.

Ordered, That the sum of five thousand dollars (\$5,000) additional be and hereby is appropriated for Mystic Playground, Sea Wall and Fence, and that the said amount be raised by taxation upon the polls and estates taxable in the City of Boston.

Passed, yeas 9.

Approved by the Mayor June 5, 1912.

Attest:

W. J. DOYLE, *Assistant City Clerk.*

CITY OF BOSTON.

IN CITY COUNCIL, June 24, 1912.

Ordered, That the sum of one hundred thousand dollars (\$100,000) be and hereby is appropriated, to be expended under the direction of the Commissioner of Public Works, for Bridge Repairs, and that the said amount be raised by taxation upon the polls and estates taxable in the City of Boston.

Passed, yeas 7, nays 0.

Approved by the Acting Mayor June 26, 1912.

Attest:

W. J. DOYLE, *Assistant City Clerk.*

CITY OF BOSTON.

IN CITY COUNCIL, June 24, 1912.

Ordered, That the sum of fourteen thousand dollars (\$14,000) additional be and hereby is appropriated for the Hospital Department, and that the said amount be raised by taxation upon the polls and estates taxable in the City of Boston.

Passed, yeas 7, nays 0.

Approved by the Acting Mayor June 26, 1912.

Attest:

W. J. DOYLE, *Assistant City Clerk.*

CITY OF BOSTON.

IN CITY COUNCIL, June 24, 1912.

Ordered, That the sum of five thousand dollars (\$5,000) be and hereby is appropriated, to be expended under the direction of the Hospital Trustees, for an X-Ray Clinic, and that the said amount be raised by taxation upon the polls and estates taxable in the City of Boston.

Passed, yeas 7, nays 0.

Approved by the Acting Mayor June 26, 1912.

Attest:

W. J. DOYLE, *Assistant City Clerk*.

CITY OF BOSTON.

IN CITY COUNCIL, June 24, 1912.

Ordered, That the sum of five thousand dollars (\$5,000) be and hereby is appropriated, to be expended under the direction of the Hospital Trustees, for an Orthopedic Department, and that the said amount be raised by taxation upon the polls and estates taxable in the City of Boston.

Passed, yeas 7, nays 0.

Approved by the Acting Mayor June 26, 1912.

Attest:

W. J. DOYLE, *Assistant City Clerk*.

CITY OF BOSTON.

IN CITY COUNCIL, June 24, 1912.

Ordered, That the sum of twenty thousand dollars (\$20,000) be and hereby is appropriated, to be expended under the direction of the Superintendent of Public Grounds, for Wendell Phillips' Monument, and that the said amount be raised by taxation upon the polls and estates taxable in the City of Boston.

Passed, yeas 7, nays 0.

Approved by the Acting Mayor June 26, 1912.

Attest:

W. J. DOYLE, *Assistant City Clerk*.

CITY OF BOSTON.

IN CITY COUNCIL, June 24, 1912.

Ordered, That the sum of five thousand dollars (\$5,000) additional be and hereby is appropriated, for Mayor, Public Celebrations, and that the said amount be raised by taxation upon the polls and estates taxable in the City of Boston.

Passed, yeas 7, nays 0.

Approved by the Acting Mayor June 26, 1912.

Attest:

W. J. DOYLE, *Assistant City Clerk*.

CITY OF BOSTON.

IN CITY COUNCIL, June 24, 1912.

Ordered, That the sum of thirteen thousand dollars (\$13,000) be and hereby is appropriated, to be expended under the direction of the Board of Health, for steamer "Vigilant," Repairs, and that said amount be raised by taxation upon the polls and estates taxable in the City of Boston.

Passed, yeas 7, nays 0.

Approved by the Acting Mayor June 26, 1912.

Attest:

W. J. DOYLE, *Assistant City Clerk*.

CITY OF BOSTON.

IN SCHOOL COMMITTEE, April 5, 1912.

Ordered, That in accordance with the provisions of chapter 388 of the Acts of 1909 the sum of four hundred twenty-one thousand dollars (\$421,000) is hereby appropriated for the purpose of constructing and furnishing new buildings, including the taking of land therefor, and for school yards, and the preparing of school yards for use.

Passed by the following vote, yeas 5, nays 0.

Approved by the Mayor April 6, 1912.

A true copy.

Attest:

THORNTON D. APOLLONIO, *Secretary*.

CITY OF BOSTON.

IN SCHOOL COMMITTEE, April 15, 1912.

Ordered, That to meet the current expenses of the School Committee and provide funds for repairs and alterations to school buildings, rents of hired school accommodations, pensions to teachers, etc., during the financial year February 1, 1912, to January 31, 1913, the following sums be appropriated for the purposes stated:

Salaries of instructors	\$3,604,776 67
Salaries of officers	117,000 00
Salaries of janitors	296,000 00
Fuel and light	173,000 00
Supplies and incidentals	339,100 00
Physical education	56,153 94
Physical education, special appropriation	20,000 00
Salaries and expenses of nurses	31,776 97
Pensions	70,192 42
Repairs and alterations to school buildings	371,000 00
Rents of hired school accommodations	28,000 00

Total amount appropriated	<u>\$5,107,000 00</u>
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The order passed by the following vote, yeas 4, nays 1.

Approved by the Mayor April 18, 1912.

A true copy.

Attest:

THORNTON D. APOLLONIO, *Secretary*.

CITY OF BOSTON.

IN SCHOOL COMMITTEE, April 22, 1912.

Ordered, That for the purpose of carrying out the provisions of chapter 195 of the Acts of 1912 the sum of \$28,076.97 is hereby appropriated for the following item:

School Committee:

Item, extended use of the Public Schools	<u>\$28,076 97</u>
--	--------------------

Passed by the following vote, yeas 5, nays 0.

Approved by the Mayor April 29, 1912.

A true copy.

Attest:

THORNTON D. APOLLONIO, *Secretary*.

Total appropriations for 1912-1913, as passed by City Council to July 1,			
1912		\$20,522,512	82
School Committee		5,556,076	97
			\$26,078,589 79
Amount of State tax:			
Boston		\$2,136,812	50
Hyde Park		23,937	50
			2,160,750 00
Abatement of smoke assessment			3,189 72
Abolishment of grade crossings, assessments:			
Principal	\$108,831	97	
Interest	12,989	72	
			\$121,821 69
Hyde Park:			
Principal	\$11,114	17	
Interest	2,779	33	
			13,893 50
			135,715 19
Charles River Basin, assessments:			
District:			
Serial bonds	\$4,801	68	
Interest	66,323	03	
Maintenance	45,688	95	
			\$116,813 66
Hyde Park:			
Serial bonds	\$46	16	
Interest	637	58	
Maintenance	483	96	
			1,167 70
Bridge:			
Sinking Fund	\$6,943	73	
Interest	20,690	91	
			27,634 64
Embankment:			
Interest			
			29,005 20
			174,621 20
Metropolitan park assessments:			
Sinking Fund	\$83,376	09	
Serial bonds	1,603	83	
Interest	240,817	10	
Maintenance	271,416	84	
			\$597,213 86
Hyde Park:			
Sinking Fund	\$1,152	08	
Serial bonds	19	45	
Interest	3,333	12	
Maintenance	3,699	00	
			8,203 65
			605,417 51
Metropolitan sewer assessments:			
Sinking Fund	\$46,801	08	
Interest	156,348	73	
Maintenance	82,787	96	
			\$285,937 77
Hyde Park:			
Sinking Fund	\$1,856	46	
Interest	8,001	94	
Maintenance	4,679	92	
			14,538 32
			300,476 09
Carried forward			
			\$29,458,759 50

<i>Brought forward</i>		\$29,458,759 50
State Highways, repairs, assessment		70 00
Highways (County):		
Assessment	\$595 23	
Interest	17 86	
		613 09
Metropolitan water assessment:		
Sinking Fund	\$401,465 55	
Serial bonds	7,308 56	
Interest	1,119,012 09	
Maintenance	264,337 63	
To be paid by water		
income	\$1,792,123 83	
		\$29,459,442 59

WAYS AND MEANS

OTHER THAN TAXES.

1912-1913.

An estimate of the Ways and Means, other than taxes, of meeting the Expenditures of the CITY OF BOSTON AND COUNTY OF SUFFOLK for the financial year 1912-1913:

Bath Department	\$23,000 00
Cemetery Department	25,000 00
City Clerk Department	7,000 00
Collecting Department	22,000 00
Collecting bank tax	6,000 00
Fire Department	2,000 00
Gypsy and Brown-tail Moth Suppression	20,000 00
Health Department	12,000 00
Hospital Department	130,000 00
Institutions:	
Boston Infirmary Department	5,000 00
Interest	200,000 00
Library Department	5,500 00
Licensing Board	20,000 00
Market Department	124,000 00
Mayor	18,000 00
Overseeing of the Poor Department	17,000 00
Park Department	5,000 00
Pedlers' Licenses	2,000 00
Police Department	18,000 00
Public Buildings Department	15,000 00
Public Works Department	195,000 00
Registry Department	9,000 00
Soldiers' Relief Department	100,000 00
Street Laying-Out Department	25,000 00
Weights and Measures Department	9,000 00
Wire Department	3,300 00
County of Suffolk	195,000 00
Corporation tax	1,700,000 00
Liquor license revenue	1,000,000 00
Street railway tax	450,000 00
Hyde Park taxes	55,000 00
Cash in treasury January 31, 1912	\$4,417,800 00
	1,003,244 42
	\$5,421,044 42
School Committee:	
Estimated income	\$88,312 66
Amount remaining in treasury for school purposes (chapter 400, Acts of 1898)	89,593 94
Excess of income over estimate, 1911-1912, ...	1,585 38
	179,491 98
	\$5,600,536 40

Appropriations as stated on page 385	\$26,078,589 79
Income other than taxes	5,600,536 40

Amount to be raised in 1912, from taxes, to meet the appropriations for the financial year 1912-1913 \$20,478,053 39

Add State Tax, assessed independently of the City Council	\$2,160,750 00	
Abatement of smoke assessment	3,189 72	
Abolishment of grade crossing assessments, ...	135,715 19	
Charles River Basin assessments	174,621 20	
Metropolitan park assessments	605,417 51	
Metropolitan sewer assessments	300,476 09	
State Highways, repairs, assessment	70 00	
Highway assessment (County)	613 09	
		3,380,852 80

Metropolitan water assessment, \$1,792,-
123.83, to be paid by water income.

\$23,858,906 19

For bases of appropriation bill see page 282.

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ANNUAL REPORT
OF THE
BATH DEPARTMENT
FOR THE YEAR 1911-12.

BOSTON, January 31, 1912.

HON. JOHN F. FITZGERALD,
Mayor of the City of Boston:

DEAR SIR,— We beg to submit herewith a report of the activities of the Bath Department for the year 1911-12.

In submitting this résumé we feel that a proper exposition of the work accomplished by this department cannot be had by the bare portrayal of facts and figures. The value of figures at most is only relative, and while the attendance figures submitted herein may convey some impression of the widespread popularity of the institutions under our direction, they cannot impart any comprehensive idea of the health-giving functions of our system.

No department in the city has a more cosmopolitan patronage, and no feature of civic life has a more appealing nature, or is more salutary in its influences, than that which it is our privilege to regulate. A proper appreciation of its humanitarian character can only be measured by those who are brought in almost daily contact with it.

The healthful and recreative features of the gymnasia and baths, sought especially by those communities

which at present do not possess them near at hand, furnish a most convincing argument for their construction in these localities. Their presence in any and particularly in the most congested areas is an acknowledged barrier to the spreading of disease, and the extent of this beneficent work wrought among peoples where sanitary equipment and healthful practices are on a low plane is inestimable.

If but 1 per cent of those who patronize our gymnasias and baths thereby anticipate the contracting of a disease and are made stronger and better citizens, the resultant dividends in the health and happiness of our citizens cannot be properly measured.

We contend that the expenditures made by the Bath Department, a most useful agency in the amelioration of disease, by reason of its preventive character, saves the municipality a much larger expense that would be entailed through other channels in eradicating existent diseases, and thereby justifies the appropriation of an amount sufficient to carry out our campaign of promoting health-giving and body-giving practices in every quarter of the city.

In order that these educational policies may be extended to every section of the city, we earnestly recommend a special appropriation for the purpose of erecting a bath house and gymnasium in Brighton, the only section of the city yet unprovided for in this respect.

WORK IN PROGRESS OR CONTEMPLATED.

Ward 3 Gymnasium and Baths, Charlestown.
Ward 8 Gymnasium and Baths, West End.
Public bath house, municipal building, South Boston.
Freeport Street Beach house, Dorchester.
Floating bath house, Fort Point channel.
New bath house, Dewey Beach, Charlestown.

ALL-THE-YEAR-ROUND BATHS.

Cabot Street Bath House, Dover Street Bath House, North Bennet Street Bath House, East Boston Bath House and Copley School Baths.

GYMNASIUM AND BATHS.

Cabot Street Bath House and Gymnasium, Ward 16 Gymnasium, D Street Gymnasium, East Boston Bath

House and Gymnasium, Ward 7 Gymnasium, Ward 9 Gymnasium, Curtis Hall Bath House and Gymnasium and North Bennet Street Bath House and Gymnasium.

INDOOR SWIMMING POOLS.

Cabot Street Bath House, Ward 16 Municipal Building and Curtis Hall Bath House.

BEACH BATHS.

L Street, North End Park, Wood Island Park, Dewey Beach, McKenzie Beach and Tenean Beach.

FLOATING BATH HOUSES AND OUTDOOR SWIMMING POOLS.

Spring Street Swimming Pool (open air river bath), Orchard Park Swimming Pool, Border Street Floating Bath Houses, Jeffries Point Floating Bath House, Warren Bridge Floating Bath Houses, Mystic Bridge Floating Bath House, Charlesbank and Dover Street Floating Bath House.

EAST BOSTON.

The opening of the new Paris Street Gymnasium and Baths, located on the site of the first indoor municipal gymnasium in America, took place on July 8 last, and its unexcelled facilities have been used to a degree far exceeding our fondest anticipations. The number of patrons who frequent this institution and their cosmopolitan character is sufficient proof of the decided impetus to the health and enjoyment of the people in this section. The gymnasium and shower baths are taxed to their full capacity and the resulting good for a healthy and stronger citizenship makes it a powerful influence to the community.

The inadequate locker facilities at Wood Island Beach were augmented last season by the purchase of a large tent of sufficient size to cater to the needs of the extra patronage at this beach during a particularly hot period. The beach on the men's and boys' side was extended a distance of sixty feet, and properly sanded, an improvement that greatly lessened the hitherto congested condition of this portion of the beach, and contributed much to the comfort and enjoyment of its patrons.

An appropriation of \$5,000 for the construction of a bath house at Orient Heights, which has been lying

dormant for a few years, owing to objections against its use on the site contemplated, could be used to good advantage here in the construction of additional lockers, and we urge the immediate transfer of this sum for the above mentioned purpose.

The three floating bath houses at Border street and Jeffries Point continue to serve their useful mission in their respective districts.

CHARLESTOWN.

With the opening of a new reinforced concrete building to replace the former dilapidated structure at Dewey Beach, and the completion of the new indoor bath house and gymnasium at Bunker Hill and Lexington streets, the people of this congested district will have ample accommodations for the full enjoyment of healthful and recreative activities. Both will be thoroughly modern in point of construction and equipment, and will serve to stimulate the interest of this section in healthful practice and a due regard for their bodily welfare.

Copley School, the only indoor bath house at present in operation in this large area, still draws a large patronage, which proves its inadequacy and only emphasizes the necessity for the speedy completion of the Ward 3 building.

NORTH END.

The urgent need of repair on the piers at North End Park advocated in our last annual report has been met by an additional appropriation of \$5,000 by the City Council, and the improvements called for, as a result, are rapidly nearing completion. When finished these piers will serve as most inviting recreation centers for both the adults and children of this cosmopolitan community, having been made safe and sound by the installation of new planking and guard rails. The beach here is daily patronized by thousands of suffering humanity, but the lack of funds has prevented any improvements being executed in the way of dredging and sanding the bottom of the beach, which is advisable.

The necessity for the construction of a new laundry building on this site becomes more imperative each year as the department grows, and as there is ample room in a most accessible location for the above-mentioned plan to be put into effect we trust the City

Council will realize the urgency of our request in this matter and appropriate \$15,000 for this purpose.

Last summer additional area was given over to the children's play corner, and a fence constructed below the mean low water line, providing the privacy needed on the women's and children's side of the beach. More playground apparatus was also installed within the children's inclosure which merited daily appreciation by the hundreds who constantly sought its use. The lower room of the park building in the southerly end was converted into an auxiliary laundry, in which an up-to-date mangle was installed, greatly relieving the pressure of supplying bathing materials during the warm periods of the summer, and its worth will become more evident each season.

The North Bennet Street Bath House during the past year has had extraordinary demands made on it, and its influence on the life and character of the adjacent community renders it of exceptional value. On Sunday morning, during the summer season, the presence of a police officer from Station 1 was enlisted for the purpose of preserving order and regularity in the ranks of those awaiting entrance. A special appropriation for the purpose of installing sixteen additional shower baths on the main floor, as requested last year, is most advisable and would tend greatly to diminish the waiting lines which at times are obliged to form, owing to the inadequate facilities in the house.

WEST END.

The delay in securing an additional appropriation of \$15,000 in carrying out the plans and specifications of the bath house and gymnasium contemplated on Blossom street has provoked just criticism from a community where the need of such an establishment as intended is so manifest as to make further delay a matter approaching neglect of civic duty. The plans projected are suited to the needs of this community, and their execution is anxiously awaited by thousands who feel that the enjoyment of such features as will be provided have already been too long arrested. We trust that the additional appropriation of \$15,000 requested will be forthcoming in the immediate future.

The two floating bath houses, located in the Charles River Basin, at Charlesbank Park, are daily taxed to

their fullest capacity during the summer season. Water taken from tanks of these two houses was analyzed by the Board of Health during the past year, and was found to be free from disease-breeding germs, thereby dissipating any apprehension that could be felt by those who thought that the absence of an ebb and flow in this basin would be conducive to stagnant and polluted water. It would be advisable, however, to install shower baths in these houses this coming summer, and this plan will probably be adopted.

SOUTH END.

The Dover Street Bath House is still the mecca of thousands in quest of cleanliness and health. Last year over 200,000 sought its free facilities. This number embraces people gathered from every quarter of the globe. We feel safe in asserting that this house alleviates the needs of the citizens to a greater degree proportionate to its facilities than any bath house in the world. The laundry continues to meet the increased demands made on it yearly, but next year the installation of an additional extractor will be necessary.

The appropriation of \$90,000 recently made by the City Council makes possible the realization of a desire long cherished by the people of the South End for a suitable bath house and gymnasium. The plans embodying these features are already extant. Its situation on Tyler street, adjacent to the present rather uninviting building, is central, and will promote frequent recourse to these benefits by the people of this district. Its spacious gymnasium and liberal number of shower baths will lend their influence to a community calculated to take a profitable advantage of these unexcelled features when completed.

The Ward 9 Gymnasium and shower baths on Harrison avenue are a decided boon to the immediate section and contribute much, despite the limited facilities, to those who frequent this house. During the past year the Civil Service Commission has held its physical examination of all city laborers in this gymnasium, where a large percentage of those now in the Police and Fire Departments of the city underwent a course of physical training that qualified them for the physical tests for appointment.

An appropriation of \$6,000 for the construction of a

new floating bath house to be located at Fort Point channel will prove a most desirable improvement in this section. The large army of workers in the adjacent factories and storehouses will find this house a most enjoyable retreat in the heat of a midsummer day, and its use for a short time will prove refreshing to the toiler and beneficial to the surrounding business houses, in the way of renewed activity on the part of their toilers after a refreshing plunge.

SOUTH BOSTON.

The extensive improvements made at L Street last spring, in point of increased accommodations in both the men's and women's departments, and the introduction of turnstiles on the men's side to register and regulate the entrance of the patrons, have contributed immeasurably to the success of this, the most popular municipal bathing beach in the country. The serially numbered check system for the distribution of towels and trunks in the men's house has enabled us to more readily ascertain the correct number of towels and suits used by the patrons, as well as insure proper returns for the sale of these articles. The abolition of nude bathing, previously in vogue here, which met with some opposition from a few sources, has come to meet with the approbation of all. It has served to eliminate many of the criticisms heretofore offered against the continuation of this policy, without producing a corresponding degree of opposition from those who previously were its most ardent supporters. As now conducted, and with its greatly augmented facilities for catering to the masses, it affords a most inviting resort to those in quest of pleasure or renewed life. Chest weights were installed on the side wall of the handball court of the men's beach.

A commodious and durable sun-house, constructed of glass and steel framing, was built this fall for the "Brownies" to bathe here during the winter months, and its addition has met with the same measure of appreciation as was received for other improvements during the year.

This coming year will witness the further development of the children's playground and mothers' corner of the women's side. Teeter ladders, swings, and such apparatus as are suitable for a child's play, will be

installed, and a shelter provided for mothers who can have recourse to its cooling shade, while children may have their full measure of play under the watchful eye of their parents.

In point of service, accommodations and equipment L Street is unique, and stands alone among institutions of its kind in this country as a health-giving and recreative center to which many thousands pay daily compliment by their presence.

The D Street Gymnasium continues to impart health, cleanliness and recreation to the thousands who take advantage of its privileges. Necessary improvements in the matter of new and additional showers in this gymnasium have been delayed, owing to its shortage of funds, but the number of patrons who use this house merit the improvements contemplated, for which a special appropriation of \$2,000 should be made.

The location of the proposed municipal building on Broadway carries with it the construction of an extensive bath house for both men and women. The men's department will include the installation of fifty showers, with dressing rooms connected, while the women's section provides forty of similar workmanship and design. The acquisition of this additional house will meet a long desired need in a large and thickly settled district which, up to this time, has received no recognition in this regard. From the isolated gymnasium and bath house on D street to the municipal building on Columbia road no bathing facilities have been located, and the site contemplated for the construction of this new plan has been chosen with a proper regard for the wants of the above-mentioned area.

ROXBURY.

The Cabot Street Bath House, with its gymnasium, swimming pool and shower baths, is rapidly meeting with that degree of appreciation due an institution combining such varied and thoroughly equipped accommodations. Its completeness merits the praise of all critics, and its power for good draws thousands from every section of the city. The need of a thoroughly new equipment in the matter of showers has become more evident daily, and a special appropriation to this end will be fulfilling a necessary duty.

The uninviting and dilapidated appearance of the

swimming pool at Orchard Park becomes more evident each year despite such improvements in appearance and equipment as the pool itself and our appropriation will permit. The construction of a new bath house and gymnasium in this section is imperative if the needs of such a thickly congested community are to be subserved. If this was accomplished the swimming pool could be abolished, as is now deemed advisable, and the wants of the people in this section would be served in a more hygienic manner throughout the year. From Cabot street to the Ward 16 building on Columbia road no bath house now exists, and a knowledge of the conditions in the intervening district is sufficient incentive for the making of an appropriation to be expended for this desirable purpose.

DORCHESTER.

Columbia Road Gymnasium, pool and baths, the only building of its kind in the immediate and outlying districts in this end of the city, is used to the limit of its facilities. The two gymnasia are filled daily with those in quest of physical development, and the unusually large attendance attests the appreciation of all who seek its advantages. The pool, while not conforming in size and shape and depth to what is ordinarily required, serves its useful mission to a very appreciable extent, especially among the women and girls, for whom it has become necessary to open the pool on Wednesdays of each week from 10 a. m. to 3 p. m.

NEPONSET.

The inadequate locker facilities which have previously hindered the development of Tenean Beach have been met by the construction of additional houses with lockers for both the male and female patrons who patronize this, one of the most popular beaches in the department. The coming summer will witness a large improvement both in point of numbers and in alleviating the wants of those who were formerly compelled to wait in line for locker accommodations. Last summer tilts were installed on the women's side of the beach, which proved a most inviting and useful improvement in the recreative life of the children of this section.

The purchasing of Colter's Beach and the construction thereon of a new bath house is in process of development,

and when arrangements have been completed will meet with the wants of the people between Savin Hill and Neponset.

The special appropriation of \$9,000 which has been made will hardly carry out the purchase of the land sought and the building of a suitable bath house on the premises, but the money at present available will be utilized in a manner looking toward the fulfillment of this project which has been eagerly sought by the citizens of the adjacent district for some time past.

JAMAICA PLAIN.

The opening of the Curtis Hall building in March will greatly augment the facilities and broaden the scope of the activities in this department. This well-lighted and well-appointed gymnasium and running track, together with its numerous shower baths and spacious swimming pool, will prove a welcome addition to the civic life in this community. The gymnasium is equipped with every desirable piece of gymnastic apparatus and any paraphernalia suited to physical development, while its spacious floor is sufficient to accommodate a class of over 100.

The swimming pool is 75 feet long and 24 feet wide, with a mean depth of 3 feet and a maximum depth of $6\frac{1}{2}$ feet, containing about 75,000 gallons of water, which will be heated to a proper degree for the comfort of its patrons. It has a filtering system which will enable us to use the water already in the tank more than once. The site of the building is accessible to thousands, and its opening will add another monument to this section which will be appreciated to an extent commensurate only with its large facilities.

WEST ROXBURY.

The Spring Street River Bath, as stated in our report of a year ago, is manifestly in need of extensive improvements. The old wooden voting booths which now serve as locker buildings for the patrons of this house have outlived their usefulness, and should be supplanted by a new reinforced concrete building of dimensions and design suited to the district and its environment, and an appropriation of \$20,000 would be sufficient to con-

tinue under proper conditions the bathing facilities which are afforded here, the only place in this large district.

Last year the bath houses in this department were opened on May 23, to meet the needs of the citizens in this city at that time. A period of unexpected hot weather came upon us, and as it seemed desirable to give the people access to the beach houses at once we met their needs within the space of a few hours. These houses were kept continuously in operation from the above-mentioned date until the close of the season, September 15.

The trustees view with continued approbation the undiminished zeal of the superintendent, Hugh C. McGrath, in promoting the interests of the department to the high plane it now occupies, and also to the physical director, James L. Walsh, for the high standard of excellence of the gymnasiums in the department.

WILLIAM M. MURPHY,
Chairman.

JAMES W. McLAUGHLIN,
Vice Chairman.

MRS. A. C. BULGER,
RICHARD M. WALSH,
ALEXANDER C. CHISHOLM.

FINANCIAL STATEMENT.

Appropriation for 1911-12	\$186,000 00
Received by transfer from the Reserve Fund	18,218 09
Total	<u>\$204,218 09</u>
Amount of expenditures from February 1, 1911, to January 31, 1912	<u>\$204,218 09</u>

Special Appropriations in Charge of the Bath Department.

NAME OF APPROPRIATION.	Appropriations, Balances and Transfers.	Expended Feb. 1, 1911, to Jan. 31, 1912.	Balance on hand Jan. 31, 1912.
Bath House, Charlestown.	\$30,000 00	.....	\$30,000 00
Bath House, North End.	3,814 23	.....	3,814 23
Bath House, Orient Heights.	5,000 00	.....	5,000 00
Fort Point Channel Floating Bath House, ...	6,000 00	.....	6,000 00
Freeport Street Bathing Beach.	9,000 00	.....	9,000 00
Gymnasium, East Boston.	18,645 48	\$4,332 91	14,312 57
Gymnasium, Ward Building, Ward 8.	25,000 00	594 15	24,405 85
Locker Building, Tenean Beach.	1,500 00	1,094 90	405 10
L Street Bath, additions, etc.	34,691 11	32,544 92	2,146 19
McKenzie Beach, improvements.	2,000 00	.....	2,000 00
North End Pier, buildings, etc.	10,860 94	5,346 85	5,514 09
Dewey Beach Bath House (transferred to Park Department).*	2,000 00		
Bathing Establishment, Ward 15 (transferred to Park, Fire and Public Buildings Department).*	50,848 08		
	\$199,359 84	\$43,913 73	\$102,598 03
Less transfers, as above*.	52,848 08		
Totals.	\$146,511 76	\$43,913 73	\$102,598 03

CLASSIFICATION OF MAINTENANCE EXPENDI-
TURES FROM FEBRUARY 1, 1911, TO JANUARY
31, 1912.

Office expenses:	
Salaries, Superintendent	\$2,193 88
Physical director	1,994 20
Office force	1,317 68
Collector	981 68
Chauffeur	989 63
Telephones	399 30
Printing	537 95
Stationery	391 44
Postage	59 60
Traveling expenses	1,075 05
Advertising	6 50
Real estate expert	10 00
Miscellaneous expenses	247 46
Department car, storage	275 00
Department car, repairs and supplies	2,148 53
Total	<u>\$12,627 90</u>

Commercial cars, teams, etc.:	
One Buick truck	\$800 00
Salaries	1,975 51
Storage	373 93
Supplies	953 44
General repairs	1,290 95
Insurance	22 37
Teaming, express hire, truck hire, etc.	249 37
Horse hire, shoeing, etc.	377 03
Total	<u>\$6,042 60</u>
Storehouse: Supplies	\$272 81
Randidge excursions	\$103 50

Classification of Maintenance Expenditures from February 1, 1911, to January 31, 1912.

Bath Houses and Beaches.

NAME OF PLACE.	Salaries.	Fuel.	Electric Light.	Athletic Supplies and Repairs.	Furnishings and Supplies.	Plumbing Repairs.	General Repairs.	Gas.	Rents.	Taxes.	Totals.
Copley School Baths.....	\$1,690 75	\$740 62	\$279 00	.....	\$61 71	.....	.....	.....	.....	.....	\$2,772 08
Dewey Beach.....	4,721 83	15 55	70 62	.....	35 04	\$26 45	\$261 85	.....	.....	.....	5,131 34
Dover Street Bath.....	11,972 19	2,303 94	.....	.....	986 84	1,024 87	246 69	\$147 49	.....	.....	16,082 02
L Street Beach.....	15,360 29	45 36	718 80	.....	456 06	391 05	428 11	.....	.....	.....	17,399 67
McKenzie Beach.....	2,123 07	.....	.....	.....	65 42	193 22	222 34	.....	.....	.....	2,604 05
North End Park Beach.....	10,421 56	124 60	430 00	.....	145 98	118 14	253 61	.....	.....	.....	11,493 29
Orchard Park Swimming Pool.....	1,408 89	.....	22 42	.....	32 46	135 41	122 77	.....	.....	.....	1,721 95
Spring Street (river bath).....	1,219 38	.....	.....	.....	15 87	15 75	27 16	.....	.....	.....	1,278 16
Tencan Beach.....	1,788 95	.....	.....	.....	55 15	23 55	165 75	.....	\$510 00	.....	2,543 40
Wood Island Park Beach.....	2,975 94	96 50	15 50	.....	73 59	145 61	432 94	.....	.....	.....	3,740 08
Floating baths.....	14,269 67	33 35	.....	.....	.....	.....	1,864 42	.....	1,550 00	.....	17,717 44
Floating baths, towing.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	558 62
Bathing suit repairs.....	1,424 50	.....	.....	.....	157 50	.....	.....	.....	.....	.....	1,582 00
Towels.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,880 00
Trunks.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,075 00
Bathing suits.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,600 80
Totals.....	\$69,377 02	\$3,359 32	\$1,536 34	.....	\$2,085 62	\$2,074 05	\$4,025 64	\$147 49	\$2,060 00	.....	\$93,779 90

Gymnasiums and Baths.

NAME OF PLACE.	Salaries.	Fuel.	Electric Light.	Athletic Supplies and Repairs.	Furnishings and Supplies.	Plumbing Repairs.	General Repairs.	Gas.	Rents.	Taxes.	Totals.
Cabot Street Bath and Gymnasium.	\$15,988 32	\$1,607 06	\$1,337 14	\$215 60	\$1,064 34	\$889 30	\$364 67	.....	.....	.....	\$21,466 43
D Street Gymnasium.....	7,407 98	1,251 86	609 40	126 30	331 74	45 65	325 88	.....	.....	.....	10,098 81
East Boston Gymnasium.....	6,560 62	386 98	551 60	101 12	919 77	.....	404 26	.....	.....	.....	8,924 35
North Bennet Street Bath and Gymnasium.	14,222 33	2,248 33	2,049 18	103 66	717 79	522 91	112 11	.....	.....	.....	19,976 31
Ward 7 Gymnasium.....	4,452 17	274 88	.....	51 75	376 54	6 22	16 98	\$329 55	\$500 00	\$208 28	6,216 37
Ward 8 building.....	352 50	32 20	61 00	.....	17 94	.....	11 97	.....	.....	.....	475 61
Ward 9 Gymnasium.....	4,425 65	317 48	283 81	159 03	147 94	201 65	130 33	9 60	.....	.....	5,675 49
Ward 16 Gymnasium and Bath.	7,202 99	.....	.....	239 25	286 64	.....	23 70	.....	.....	.....	7,752 58
Totals.....	\$60,612 56	\$6,118 79	\$4,892 13	\$996 71	\$3,862 70	\$1,665 73	\$1,389 90	\$339 15	\$500 00	\$208 28	\$80,585 95
Laundry:											
Dover Street Laundry.....	\$6,000 18	\$1,151 97	.....	.....	\$878 26	.....	\$50 30	.....	.....	.....	\$8,080 71
North End Park Laundry.....	2,522 15	.....	.....	.....	202 57	.....	.....	.....	.....	.....	2,724 72
Totals.....	\$8,522 33	\$1,151 97	.....	.....	\$1,080 83	.....	\$50 30	.....	.....	.....	\$10,805 43

CLASSIFICATION OF EXPENDITURES OF SPECIAL APPROPRIATIONS FROM FEBRUARY 1, 1911, TO JANUARY 31, 1912.

Gymnasium, East Boston:

Salaries	\$273 02	
Contractor, David E. Kennedy, furnishing and laying cork floor, tiling on running track	1,905 00	
McLean & Cousins Company, heating	158 46	
Contractor, M. B. Foster Electric Company, wiring, etc.	103 00	
Contractor, Wright & Ditson, gymnasium apparatus	1,678 75	
Contractor, John J. Flynn, building fire exits	132 00	
Edison Electric Illuminating Company, installing service	75 00	
Architects, Newhall & Blevins	4 38	
<i>City Record</i> , advertising	3 30	
		\$4,332 91

Gymnasium, Ward Building, Ward 8:

Salaries	\$293 63	
Printing Department, printing specifications	208 07	
<i>City Record</i> , advertising	5 50	
Architects, Newhall & Blevins	75 00	
Charles E. Gallagher, electrical work	11 95	
		594 15

Locker Building, Tenean Beach:

Contractor, Michael S. Kelliher, erecting locker buildings	\$1,087 99	
<i>City Record</i> , advertising	5 90	
B. L. Makepeace, blueprints	1 01	
		1,094 90

L Street Bath, additions, etc.:

Salaries	\$398 25	
Architect, Harrison H. Atwood	2,892 80	
Contractor, Christopher F. Brown, alterations and additions to L Street Bath House	28,928 00	
<i>City Record</i> , advertising	6 20	
Charles E. Gallagher, electrical work	226 67	
D. J. Sullivan, sliding machines	93 00	
		32,544 92

Carried forward \$38,566 88

<i>Brought forward</i>		\$38,566 88
North End Piers, buildings, etc.:		
Contractor, Michael Doherty, car-		
penter repair work	\$716 68	
Knott & Co., electrical work	407 21	
Richard A. Nagle, cleaning sewer		
and catch-basin	45 00	
Troy Laundry Machine Company,		
ironing machine, etc.	561 04	
Wright & Ditson, merry-go-round,		
see-saws, etc.	403 44	
D. J. Sullivan, sliding machine . . .	93 00	
Charles E. Gallagher, electrical		
work on motor	7 10	
City of Boston, Park Department,		
labor on fountain	2 54	
Andrew J. Granara, plumbing	101 88	
The Fairbanks Company, pulleys,		
belts, etc.	46 63	
Braman, Dow & Co., steam fitting,	29 23	
Wright & Ditson, swings	143 20	
Printing Department, printing pro-		
posals	66 88	
<i>City Record</i> , advertising	7 70	
Contractor, Richard Gibson, floors		
and fender guards	2,715 32	
		5,346 85
		<u>\$43,913 73</u>

RECAPITULATION.

Regular Maintenance Expenditures.

Office expenses	\$12,627 90	
Commercial cars, teams, etc.	6,042 60	
Storehouse: Supplies	272 81	
Randidge excursions	103 50	
Bath houses and beaches	93,779 90	
Gymnasiums and baths	80,585 95	
Laundry expenses	10,805 43	
		\$204,218 09

Special Appropriation Expenditures.

Gymnasium, East Boston	\$4,332 91	
Gymnasium, ward building, Ward 8,	594 15	
Locker building, Tenean Beach	1,094 90	
L Street Bath, additions, etc.	32,544 92	
North End Piers, buildings, etc. . . .	5,346 85	
		43,913 73

Grand total of expenditures of Bath Department from February 1, 1911, to January 31, 1912 \$248,131 82

**Classification of the Cash Receipts of the Bath Department from February 1, 1911,
to January 31, 1912.**

NAMES OF BATHS.	Towels.	Soap.	Pool.	Val. Envelopes.	Suits.	Trunks.	Total.
Dover Street Bath.....	\$2,492 64	\$1,582 54					\$4,075 18
Cabot Street Bath, Gymnasium and Pool.....	1,002 55	459 27	\$2,848 95	\$3 75			4,314 52
North Bennet Street Bath and Gymnasium.....	2,157 07	958 32					3,115 39
Ward 16 Gymnasium and Pool...	392 80	167 27	831 17	3 45			1,394 69
Ward 7 Gymnasium.....	288 26	104 45					392 71
Ward 9 Gymnasium.....	245 64	132 62					378 26
East Boston Gymnasium.....	323 44	127 10					450 54
D Street Gymnasium.....	452 98	151 16					604 14
Copley School Baths.....	231 89	83 '83					315 72
L Street Beach.....	1,130 85			491 20		\$2,886 45	4,508 50
L Street Beach, for women.....	74 99			18 00	\$812 02		905 01
L Street Beach, for boys.....	6 47					3 40	9 87
North End Park Beach, for men..	235 16			19 25	376 04		630 45
North End Park Beach, for women,	66 03			4 50	446 00		516 53
Wood Island Park Beach, for men,	110 66			6 15	139 40	11 80	268 01
Wood Island Park Beach, for women.....	11 74				116 63		128 37
Dewey Beach, for men.....	46 36			3 55	104 20		154 11
Dewey Beach, for women.....	15 47				129 65		145 12
Warren Bridge Floating Baths, for men.....	97 77						97 77
Warren Bridge Floating Baths, for women.....	5 97				3 15		9 12
Dover Street Bridge Floating Baths, for men.....	60 25						60 25
Dover Street Bridge Floating Baths, for women.....	33 81				9 90		43 71
Jeffries Point Floating Bath.....	3 15				3 73	05	6 93
Orchard Park Swimming Pool....	7 83				17 35	3 76	28 94
Charlesbank Floating Bath, for men.....	147 61			20			147 81
Charlesbank Floating Bath, for women.....	3 25				34 65		37 90
McKenzie Beach.....	12 18			50	95 70	6 90	115 28
Border Street Floating Baths....	57 80				49 44		107 24
Tenean Beach.....	32 23				169 50		201 73
Mystic Bridge Floating Bath....	20 29				5 65		25 94
Spring Street (river bath).....	14 70			5 15	2 75	53 80	76 40
Totals.....	\$9,781 84	\$3,766 56	\$3,680 12	\$555 70	\$2,515 76	\$2,966 16	\$23,266 14
Rents.....							650 80
Sale of junk.....							14 15
Weighing machine.....							49 36
Sale of lockers.....							20 00
Commission on telephones.....							35 39
Sale of piano.....							25 00
Total amount of cash received by Bath Department from February 1, 1911, to January 31, 1912..							\$24,060 84
Total amount of cash received by Bath Department from February 1, 1911, to January 31, 1912, undeposited.							4 12
Total amount of cash deposited with the City Collector from February 1, 1911, to January 31, 1912,							\$24,064 96

Shower Baths Attendance.

	Men.	Boys.	Women.	Girls.	Pool.	Totals.	Total.
Dover Street Bath House.....	148,206	4,557	39,280	8,610		200,653	892,447
Cabot Street Bath House, Swimming Pool and Gymnasium.	65,824	31,435	13,831	11,108	33,000	155,198	
North Bennet Street Bath and Gymnasium.	142,424	15,421	24,439	10,178	.....	192,462	
Ward 16 Gymnasium and Swimming Pool.	30,165	27,568	11,788	9,185	12,804	91,510	
Ward 7 Gymnasium.....	30,010	7,930	4,871	3,692	.....	46,503	
Ward 9 Gymnasium.....	14,970	1,769	679	801	.....	18,219	
D Street Gymnasium.....	28,644	23,293	1,352	10,180	.....	63,469	
Copley School Baths.....	28,530	9,730	10,842	7,060	.....	56,162	
East Boston Gymnasium.....	27,505	19,172	6,637	14,957	.....	68,271	
Totals.....	516,278	140,875	113,719	75,771	45,804	.....	

Beaches, Swimming Pools and Floating Bath Houses Attendance.

	Men.	Boys.	Women.	Girls.	Totals.	
L Street Beach.....	174,983	203,642	44,235	75,215	498,075	1,989,626
North End Park Beach.....	7,450	158,070	9,120	26,579	201,219	
Dewey Beach.....	12,196	120,287	16,528	78,835	227,846	
Wood Island Park Beach.....	14,110	41,810	16,180	26,250	98,350	
McKenzie Beach.....	28,204	36,122	15,244	28,664	108,234	
Tenean Beach.....	21,371	36,555	13,398	27,483	98,807	
Orchard Park Swimming Pool.....	13,994	40,253	12,744	29,157	96,148	
Spring Street Swimming Pool (river bath)....	2,265	44,210	315	3,160	49,950	
Dover Street Bridge Floating Bath.....	1,156	15,205	2,000	8,967	27,328	
Charlesbank Floating Bath.....	29,452	100,945	43,015	106,920	280,332	
Warren Bridge Floating Bath.....	27,207	42,154	17,475	21,585	108,421	
Mystic Bridge Floating Bath.....	5,950	30,740	2,355	13,730	52,775	
Border Street Floating Bath.....	9,127	78,455	3,704	25,805	117,091	
Jeffries Point Floating Bath.....	323	14,411	809	9,507	25,150	
Totals.....	347,788	962,859	197,122	481,857	.....	

Gymnasias Class and Individual Attendance.

	Individual.	Men.	Working Boys.	School Boys.	Girls.	Women.	Mothers.	Totals.
D Street Gymnasium.....	4,938	6,041	5,500	6,585	4,146	1,040	384	28,634
Ward 16 Gymnasium.....	5,878	10,562	10,858	8,121	8,477	8,417	3,253	55,566
Cabot Street Gymnasium.....	13,377	6,826	2,210	10,318	4,460	3,629	2,138	42,958
North Bennet Street Gym- nasium.	1,643	4,993	959	6,379	3,251	469	1,003	18,697
Ward 7 Gymnasium.....	1,759	2,237	2,998	5,005	2,184	2,035	114	16,332
Ward 9 Gymnasium.....	1,647	2,426	1,192	3,612	2,711	789	172	12,549
East Boston Gymnasium.....	482	6,085	5,594	7,062	10,418	1,681	395	31,717
Totals.....	29,724	39,170	29,311	47,082	35,647	18,060	7,459	206,453

REPORT OF PHYSICAL DIRECTOR.

Board of Bath Trustees:

GENTLEMEN,— In placing before you a report of the work carried on under my supervision I take much pleasure in stating as a fact that, notwithstanding the efforts that have recently been made by other cities along lines parallel to those on which we ourselves are moving, we are still in advance. While admitting the stimulus of competition, and attributing much of our own advance to its influence, the fact remains that we still maintain the lead which we took when we gave the primary example of how a municipality should interest itself in the physical upbuilding and bodily cleanliness of its people. Indeed, in viewing the totality of our institutions and the widest reach of our functions, our department not only has no peer in this description of municipal work but it has many imitators.

Here and there, in other communities, features which would only be a fragment of our endeavors have been differentiated for specialization, and much emphasis has been given to their importance. The notable features that have been seized upon in this way are recreation, swimming, dancing and games. All of these expressions of physical training activity have been made to appear highly valuable where they have been individualized. Any institution serving to promote one of these features alone has seen fit to vaunt of its achievement. What, then, should be our pride in dwelling on the fact that we promote all of them, and that we do so with deliberate consideration as to the relative value of each?

Yet I can see where there is an opportunity for the extended use of our gymnasia and bath houses. In spite of the fact that we have succeeded in keeping in the lead in the work that we are doing, I am mindful that our advance has been made more through the increase of the number of buildings than through the increasing service of each individual institution. This

numerical increase must sooner or later cease, in accordance with the law of limitation; but the scope of usefulness of the individual institution must be enlarged upon. That can only result, however, from increasing the teaching staff.

The fact is particularly worthy of being kept in mind. It is the key to future progress. At the present time the work of instruction is being carried on by very few men. It is a customary thing in private gymnasia to have three or four paid instructors. Even in gymnasia much inferior to ours in size this is to be seen. And always they are men who receive good salaries. In our gymnasia, on the other hand, until last year, one man had to suffice for the largest institution. At the present there are two men in the three largest gymnasia, but as the attendance at these places runs over 2,000 a week it will be seen that the instructors must handle the people in large masses and thus miss the opportunity to give any attention to the individual.

There is much room for wider service in each gymnasium, and I am prepared to try and realize it at the earliest opportunity. But the first essential to such furtherance of our functions is to increase the instructing staff and make the salaries of the instructors correspond to those paid in private gymnasia.

I have nothing new to say this year in regard to the organization and instruction of classes. The tested methods of the past have been adhered to without change. Some slight modifications of the routine have been introduced, but in the main the direction of our teaching efforts has not shifted. The result is that, as in former years, I am able to point to a character of improvement in the physical make-up of our patrons which answers any challenge as to the justification of money expended in our work. The attendance which has been tabulated speaks for itself as far as mere numbers are concerned. That is important as showing the splendid popularity of the gymnasia and baths. But the number of people who remain in attendance with sufficient regularity and attention to derive the substantial benefits that we hold out for them is not easy to tabulate. From observation, however, in the absence of more accurate methods, I have been able to compute the number with reasonable proximity to fact,

and I do not hesitate to say that two-thirds of the people attending the gymnasia have received the benefits mentioned.

In former reports I have called attention to the fact that as a result of our methods of teaching swimming the City of Boston can show more children that can swim than can any other city in the country. Last year we added materially to the number. Last year, too, we made a change in the manner of conducting water sports which had been in vogue for many years. It had formerly been the custom to hold neighborhood races or demonstrations at the end of the season. Although these were held throughout the entire department they were disconnected and lacked unity. Last year a scheme of organization was inaugurated. Each section of the city was given local races, and the winners of these local meets were then matched in a final meet which was held at North End Park. The success of the entire scheme was far beyond our expectations.

The civil service training that we offer to applicants for the fire and police departments is being adopted by an increasing number of men each year. Last year more than two hundred of our patrons took these examinations and most of them passed satisfactory marks. Many of them passed the test with the highest marks.

The North Bennet Street Gymnasium, by reason of it being still new and in the experimental period of its history, was watched closely for any signs that might suggest innovations which could be expected to improve its service. The experiment was tried of inviting the mothers of the neighborhood to attend at regular intervals and enjoy a social afternoon with their children. The experiment proved highly satisfactory. Through an interest in their children the mothers were introduced to an institution of which they might otherwise have remained in ignorance.

The opening of the new East Boston Gymnasium presented no new problem. It simply replaced a gymnasium which had been the first in the country to try out the educational possibilities of that sort of public agency. The new gymnasium, of course, has been much more largely attended than was the old one. That was to have been expected. Theoretically this gymnasium was

regarded when finished as one of the finest of its kind in the world: Its wide range of accommodation was expected to serve a larger number of purposes than we have ever served before. These expectations have all been realized by practical experience.

The instructors under my charge have carried out the work outlined for them with earnestness and sincere attention, and I commend them for their loyalty to the purpose of the department.

JAMES L. WALSH,
Physical Director.

INVENTORY.

Cabot Street Bath House.

- | | |
|--|------------------------------|
| 2 Horizontal boilers. | 3 Hand mops. |
| 1 Ash-hoisting gear. | 2 Cans metal polish. |
| 1 Steam pump. | 1 Toilet paper rack. |
| 1 Slice bar. | 1,000 Towels. |
| 1 Coal shovel. | 125 Men's trunks. |
| 2 Hoes. | 165 Ladies' suits. |
| 1 Fire rake. | 1 Cash register. |
| 1 Tube scraper. | 1 Waste basket. |
| 2 Oil cans. | 2 Chairs. |
| 8 Galvanized-iron pails. | 1 Cash box. |
| 8 Extra grate bars. | 1 Electric hair drier. |
| 12 Galvanized-iron barrels. | 3 Sponges. |
| 20 Tons coal. | 3 Combs. |
| 1 Wheelbarrow. | 1 Brush. |
| 1 8-foot step ladder. | 2 Medicine chests. |
| 2 Extension cords for electric lights. | 2 Pairs Indian clubs. |
| 1 Dozen Jenkins' pet cock plugs. | 1 Receipt book. |
| 1 Fusible plug. | 2 Requisition books. |
| 1 Spool valve packing. | 1 Day book. |
| 1 Chair. | 1 Cuspidor. |
| 1 Dust pan and brush. | 1 Quart insecticide. |
| 2 Brooms. | 1 Bit-stock. |
| 8 Galvanized-iron ventilator tops. | 1 Pair gas pliers. |
| 1 Gallon cylinder oil. | 1 Plane. |
| 3 Gaskets. | 1 Screwdriver. |
| 1 Kerosene oil can. | 1 Hammer. |
| 2 Mats. | 1 Electric fan. |
| 1 Fire extinguisher. | 2 Basket ball pumps. |
| 1 Swimming pole and belt. | 1½ Barrels soda. |
| 2 Cooper Hewitt lights. | 5½ Boxes soap. |
| 3 Corn brooms. | 75 Rolls toilet paper. |
| 3 Mirrors. | 2 Mop wringers. |
| 8 West disinfectors. | 2 Snow shovels. |
| 2 Benches. | 4 Brass polish. |
| 1 24-foot ladder and two guide poles. | 15 Pounds pumice stone. |
| 2 20-foot ladders. | 1 Quart carbolic crystal. |
| 1 4-foot step ladder. | 2 Lanterns. |
| 2 Wooden barrels. | 4 Green curtains. |
| 1 Towel basket. | 2 Baskets for basket ball. |
| 1 Brass pole and two curtains. | 2 Push brooms. |
| 3 Wooden poles and three curtains. | 12 Mops. |
| 1 Hose reel and 50 feet hose. | 2 Rubber curtains. |
| 7 Mops. | 4 Panes glass. |
| 2 Dust pans. | 7 Galvanized-iron pails. |
| 2 Dust brushes. | 1 Pound litharge. |
| 1 Push brush. | 50 Valuables envelopes. |
| 5 Iron pails. | 2 Scrub brushes. |
| 1 Mop wringer. | 1 Fire extinguisher. |
| | 1 Bench. |
| | 1 Barrel savogran. |
| | 12 Pairs ½-pound dumb bells. |
| | 6 5 feet by 10 feet mats. |

2 4 feet by 6 feet mats.	2 Vaulting bars.
2 5 feet by 20 feet mats.	86 1-pound wooden dumb bells.
1 Swedish box.	122 $\frac{3}{4}$ -pound wooden dumb bells.
1 Instructor's stand.	86 Wooden wands.
1 Piano and stool.	57 Nickel-plated wands.
1 Clock.	252 Indian clubs.
2 Sets high-jump stands.	1 Indoor baseball.
1 Wrist machine.	1 Cuspidor.
1 Finger machine.	1 Roll top desk.
1 Dip machine.	4 Testing machines (Civil Service).
1 Abdominal board.	3 Cabinets.
1 100-pound iron dumb bell.	1 Mirror.
1 75-pound iron dumb bell.	2 Medicine balls.
1 68-pound iron dumb bell.	2 Basket balls.
1 50-pound iron dumb bell.	1 Scales.
2 40-pound iron dumb bells.	1 Table.
2 35-pound iron dumb bells.	2 Chairs.
1 25-pound iron dumb bell.	4 Galvanized-iron pails.
1 Dumb bell holder.	1 Mop wringer.
19 Sets chest weights.	3 Brooms.
252 Indian club holders.	1 Push broom.
208 Dumb bell holders.	3 Mops.
112 Lockers and keys.	1 Window brush.
4 Benches.	1 Long handle scrub brush.
4 Take-off boards.	6 Milk cans.
3 Incline boards.	1 Wet spirometer.
2 German horses.	1 Vacuum cleaner.
2 Bucks.	10 Chest weight rods.
2 Sets flying rings.	1 6-foot step ladder.
7 Traveling rings.	2 Brass rods.
6 Climbing poles.	3 Curtains and rods.
2 Suspended ladders.	1 Basket.
2 Pairs parallel bars, suspended.	1 Medicine chest.
4 Chest bars.	4 Fire extinguishers.
1 Horizontal bar.	
1 Low parallel bar.	

Copley School.

2 Mop wringers.	1 Can brass polish.
2 Mop handles.	29 Curtains.
2 Brooms.	434 Towels.
2 Galvanized-iron pails.	1 Quart sulpho-naphthol.
46 Bars soap.	1 Time book.
1 Long-handle brush.	1 Requisition book.

D Street Gymnasium..

1 Auger.	2 Bucks (German).
2 Abdominal machines.	1 Boiler (80 horse power).
1 Basket ball.	297 Dumb bells (wooden).
4 Brushes (long handled).	Dumb bells (iron):
1 Brush (hand).	1 75 pounds.
2 Brooms.	1 65 pounds.
2 Balls (medicine).	1 50 pounds.
1 Blanket.	1 40 pounds.
1 Brass polish.	1 35 pounds.
2 Waste baskets.	1 25 pounds.
9 Benches.	1 20 pounds.
2 Bowls (wash).	1 10 pounds.
1 Pair rubber boots.	236 Clubs (Indian).
2 Boxes (vaulting).	8 Cuspidors.
1 Broom (whisk).	1 Claw bar.

2 Chisels.
 15 Curtains (rubber).
 42 Curtains (cloth).
 2 Clocks.
 29 Chest weights.
 60 Chairs.
 3 Combs.
 1 Dust pan.
 2 Desks.
 1 Duster (feather).
 2 Fire extinguishers.
 5 Faucets.
 1 Gong.
 2 High-jump uprights.
 2 Horizontal bars.
 Hose (50 foot).
 2 Horses (German).
 1 Hammer.
 136 Incandescent lights.
 1 Instructor's stand.
 3 Incline boards.
 1 Ladder (extension).
 1 Ladder (peak).
 1 Ladder (step).
 3 Ladders (suspended).
 228 Lockers (iron).
 4 Mops.
 4 Mirrors.
 1 Mat (20 foot).
 10 Mats (10 foot).
 4 Mats (5 foot).
 Machine oil (1 can).
 1 Machine (finger).
 2 Machines (half circles).
 1 Machine (shoulder).
 1 Machine (kicking).
 1 Machine (pedaling).
 2 Machines (paddling).
 2 Machines (sculling).
 1 Machine (wrist).

6 Poles (climbing).
 4 Parallel bars (suspended).
 1 Pump (in boiler room).
 4 Pails (iron).
 2 Pokers.
 1 Piano.
 1 Piano stool.
 26 Radiators.
 2 Racks (wands).
 2 Racks (medicine ball).
 6 Ropes (climbing).
 4 Rings (flying).
 14 Rings (traveling).
 2 Shovels.
 14 Showers.
 1 Sink.
 1 Saw.
 1 Safe.
 2 Squeegees.
 2 Screwdrivers.
 2 Scales.
 2 Shot (16 pound indoor).
 1 Shot (12 pound indoor).
 1 Splice bar.
 1 Tank (in boiler room).
 3 Take-off stands.
 1 Thermometer.
 Toilet paper (1 case).
 1 Toilet paper (holder).
 1 Track (18 laps to mile).
 2 Vaulting bars.
 125 Wands (iron).
 100 Wands (short).
 85 Wands (long).
 2 Wrenches.
 1 Dipping machine.
 2 Scrubbing brushes.
 1 Cash register.
 1 Box soap.

Dover Street Bath House.

4 Brooms.
 4 Bon Ami.
 3 Brushes.
 2 Baskets.
 5 Chairs.
 6 Curtains.
 1 Clock.
 1 Desk.
 2 Dusters.
 8 Dustpans.
 2 Dozen electric bulbs.
 100 Feet hose.
 1 Ice chest.
 4 Polish.
 16 Wood lockers.
 1 Iron locker.
 1 Table.
 2 Mirrors.
 2 Wire mats.
 12 Mops.
 12 Mop handles.

1 Medicine chest.
 6 Pails.
 4 Mop pails.
 1 Rug.
 3 Boxes soap.
 1 Barrel soap powder.
 1 Barrel sal soda.
 4 Squeegees.
 2 Step ladders.
 9 Tubs.
 1 Closet with hooks.
 1 Ice water tank.
 1 Waste basket.
 1 Cash machine.
 4 Fire extinguishers.
 2 Rubber mats.
 5 Dozen spools thread.
 3 Dozen buttons.
 3 Dozen needles.
 $\frac{1}{2}$ Barrel Wyndotte detergent.
 1 Extension ladder.

48 Showers.
 10 Gallons West disinfectant.
 66 Bundles tubes for tubs.
 25 Bundles tubes for showers.
 51 Springs.
 126 Washers.
 17 Handles.
 49 Valves.
 33 Stems.
 1 Stock and dye.
 2 Pipe cutters.
 4 Monkey wrenches.
 2 Stilson wrenches.
 1 Screw driver.
 1 Hammer.
 1 Saw.
 1 Belt punch.
 1 Belt awl.
 1 Vise and bench.
 1 Special stock and dye.
 1 Air pump.
 1 Preasin pump.
 1 Breast drill.
 1 Chisel.
 1 Putty knife.
 1 Belt outfit: hammer, plane,
 awl, brush, hand screws,
 clamps, glue pot.

4 Brooms.
 4 Chairs.
 3 Gallons machine oil.
 2 Gallons cylinder oil.
 1 Ladder.
 2 Oil tanks.
 5 Oil cans.
 2 Pails.
 1 Shovel.
 2 Tables.
 31 Feet 2 inch, 31 feet 2 inches
 D belting.
 8 Baskets.
 $\frac{1}{2}$ Barrel soap chips.
 $\frac{1}{2}$ Barrel soda.
 1 Mangle.
 3 Extractors.
 4 Washing machines.
 1 Drying machine.
 114 Yards canvas.
 1 Engine.
 1 Dynamo.
 1 Apron for mangle.
 3 Dozen balls twine.
 2 Fire extinguishers.
 250 Women's suits.
 1,000 Towels.

East Boston Gymnasium.

OFFICE.

1 4-foot roll top desk.
 1 Cash register.
 1 Swivel office chair.
 1 Swivel office chair, plain.
 4 Cuspidors.
 1 Waste paper basket.

INSTRUCTOR'S OFFICE.

1 3-foot roll top desk.
 3 Chairs.
 1 Mirror.
 2 Steel lockers.
 1 Medicine chest.
 1 Waste basket.
 1 Civil service outfit.

BASKET BALL ROOM.

36 Iron lockers.
 4 Basket ball cages.
 4 Medicine balls.
 900 Towels.
 40 Bars soap.

GYMNASIUM.

16 Flying rings.
 8 Climbing poles.
 100 Steel wands.
 135 Wooden wands.
 3 20-foot mats.
 7 10-foot mats.

341 Wooden dumb bells.
 196 1-pound Indian clubs.
 1 Instructor's table.
 4 Wooden runs for flying rings.
 2 German horses.
 2 German bucks.
 8 Climbing ropes.
 2 Suspended ladders.
 2 Suspended vaulting bars.
 4 Vaulting stands.
 17 Chest weight machines.
 1 Wrist machine.
 1 Shoulder machine.
 2 Vaulting bars with stands.
 1 Vaulting bar, stationary.
 1 Measure machine.
 4 Flying rings.
 1 Lifting machine.
 4 75-pound iron dumb bells.
 4 50-pound iron dumb bells.
 4 25-pound iron dumb bells.
 1 piano.

MISCELLANEOUS.

1 6-foot step ladder.
 1 8-foot step ladder.
 3 Iron shovels.
 64 Curtains for shower bath with
 rods.
 3 Hardwood chairs.
 3 Towel baskets.
 4 Galvanized-iron pails.

- 2 Patent mop wringers.
- 4 Push brushes.
- 3 Squeegees.
- 4 Mop handles.
- 1 Dust pan and brush.
- $\frac{1}{2}$ Bag sawdust.
- 12 Galvanized-iron ash barrels.
- 1 Vise.
- 1 Iron wheelbarrow.
- 25 Feet, $\frac{3}{4}$ -inch rubber hose.
- 1 Shovel.
- 1 Wood handle hoe.
- 1 Slice bar.
- 1 Iron hoe.

- 2 Iron hooks for furnace.
- 1 Fall for hoisting ashes.
- 2 Stilson wrenches.
- 1 50-foot extension ladder.
- $\frac{1}{4}$ Barrel soap powder.
- 1 Hammer.
- 2 Monkey wrenches.
- 100 Feet $\frac{3}{4}$ -inch rubber hose.
- 3 Brooms.
- $\frac{1}{2}$ Box toilet paper.
- 4 Toilet paper holders.
- $\frac{1}{2}$ Gallon turpentine.
- 1 Gallon sulpho-naphthol.
- 3 Fire extinguishers.

East Boston Wharf.

LUMBER.

- 700 Feet soft pine sheathing.
- 500 Feet $\frac{1}{2}$ -inch rough spruce boards.
- 250 Pickets, 3 inch by $\frac{1}{2}$ -inch, 5 feet long.
- 100 Feet $\frac{1}{2}$ -inch by 1-inch soft pine.
- 300 Feet 4-inch by 16-inch hard pine.
- 200 Feet 1 $\frac{1}{2}$ -inch by 6-inch hard pine (planed).
- 100 Feet 2-inch by 4-inch rough spruce.
- 300 Feet 6-inch by 6-inch spruce (planed).
- 300 Feet 6-inch by 4-inch spruce (planed).
- 200 Feet 6-inch by 3-inch spruce (planed).

COOPERS' TOOLS.

- 2 Cooper anvils.
- 1 Adz.
- 1 Bending machine.
- 1 Cold chisel.
- 1 Bung borer.
- 3 Cooper's hammers.
- 3 Drivers.
- 5 Steel punches.
- 4 Squeegees.
- 1 Iron shovel.
- 2 Claw hammers.
- 6 Scrapers.

OFFICE.

- 1 Telephone.
- 1 Desk.
- 3 Stoves.
- 8 Pairs rubber boots.
- 2 Iron booths.
- 2 Wooden booths.
- 5 Wooden shovels.
- Lot old gymnasium lockers.
- Iron and wood.
- 5 Bars $\frac{5}{8}$ -inch round iron.
- 5 Bars $\frac{1}{2}$ -inch round iron.

- 10 Bars $\frac{3}{8}$ -inch round iron.
- 1 Bar 6-inch by $\frac{5}{8}$ -inch flat iron.
- 1 Bar 4-inch by $\frac{5}{8}$ -inch flat iron.
- 1 Bar $\frac{3}{4}$ -inch cast steel.
- 1 Bar $\frac{5}{8}$ -inch cast steel.
- 4 Bundles hoop iron, 1 $\frac{3}{4}$ inches by $\frac{1}{2}$ inch.
- 1 Bundle hoop iron, 1 $\frac{1}{2}$ inches by $\frac{1}{16}$ inch.
- 150 Pounds $\frac{5}{8}$ -inch chain.
- 50 Pounds run castings.
- 6 Hinges.

NAILS.

- 1 Keg, 60-wire nails.
- 25 Pounds 16-wire nails.
- 25 Pounds 20-wire nails.
- 20 Pounds 80-wire nails.
- 10 Pounds 8-wire nails.
- 50 Pounds 12-cut nails.

PAINT.

- 60 Pounds white lead.
- 6 Gallons copper oil paint.
- 10 Pounds lamp black.
- 3 Gallons spirits.
- 1 Putty knife.
- 3 Gallons Japan.
- 4 Tunnels.
- 2 Gallons linseed oil.
- 6 No. 6 paint brushes.
- 2 Sash paint brushes.

BLACKSMITH'S SHOP.

- 1 Anvil.
- 1 Bellows.
- 1 Tree iron.
- 1 Drill machine and drills.
- 4 Top swedges.
- 4 Bottom swedges.
- 2 Flatters.
- 1 Sow cast.
- 10 Pair tongues.
- 1 Sledge.
- 2 Handles, cold chisel.

- 1 Handle hot chisel.
- 8 Augers.
- 1 Hammer.
- 1 Key wrench.
- 2 Monkey wrenches.
- 6 Ship scrapers.
- 5 Heading tools.
- 1 Vise.
- 2 50-pound anchors.

CARPENTER'S TOOLS.

- 3 Hand saws.
- 1 Cutting-off saw.
- 1 Bench axe.
- 2 Wooden mallets.
- 2 10-ton lifting jacks.
- 2 Steel squares.
- 1 Oilstone.
- 1 Adz.
- 1 Broad axe.
- 1 Hack saw.
- 1 Bit stock.
- Set of framing chisels, $\frac{1}{8}$ inch to $1\frac{1}{2}$ inches.
- 1 Extension bit.

- 1 Slicer.
- 1 Cross-cut saw.
- 2 Steel bars.
- 3 Iron hand screws.
- 1 Grindstone.
- 1 Level.
- 1 Bevel.
- 1 Set bits.
- 4 Claw hammers.
- 2 Screwdrivers.
- 10 Floating houses, including runs, chains and casks.
- 13 Floating rafts.
- 2 Pontoons.
- 1 Spare run.
- 8 Towing lines, 200 feet long.
- 1 Tackle, 6 inches.
- 7 Spars.
- 3 Rowing boats, including Dewey Beach and Wood Island.

IRON.

- 1 Bar $1\frac{1}{4}$ -inch round iron.
- 3 Bars 1-inch round iron.
- 4 Bars $\frac{3}{4}$ -inch round iron.

L Street Bath House.

- 1 Anvil.
- 5 Ash barrels.
- 1 Auger, $\frac{5}{8}$ -inch.
- 1 Auger, $\frac{3}{4}$ -inch.
- 1 Bit, $\frac{3}{8}$ -inch.
- 1 Bit, $\frac{5}{8}$ -inch.
- 1 Bit, 2 inches.
- 1 Brace.
- 3 Baskets.
- 7 Boats.
- 300 Brass checks O.
- 7 Pounds brass checks $\diamond$.
- 2 Pounds brass checks $\square$.
- 1 Box steel letters.
- 1 Box steel figures.
- 2 Brooms.
- 8 Yards brass chain, No. 10.
- 400 Brass checks, valuables.
- 16 Chains and weights.
- 12 Chains for rafts.
- 2 Chisels, 2 inches.
- 1 Coal hod.
- 1 Canvas cover.
- 3 Combs.
- 2 Cakes Bon Ami.
- 2 Cans polish.
- 10 Cards elastic.
- 1 Cash register.
- 8 Drinking fountains.
- 1 Duster.
- 4 Dust brushes.
- 1 Flag.
- 2 Fire extinguishers.
- 6 Gross screws, No. 8.
- $\frac{1}{2}$ Dozen gauze.
- 2 Gimlets.
- 1 Gross hooks, $\frac{5}{8}$ by 25.
- 1 Dozen hooks, S.
- 1 Hose.
- 22 Keys and locks, duplicates.
- 3 Dozen keys, blank.
- 1 Level.
- 850 Locks.
- 1 Mallet.
- 3 Mop handles.
- 1 Motor.
- 1 Monkey wrench.
- 1 Megaphone.
- 1 Plane, iron.
- 1 Plane, wooden.
- 1 Putty knife.
- 1 Pitchfork.
- 8 Pulling machines.
- 2 Pair oars, 9 feet.
- 5 Rakes.
- 10 Stamps, number.
- 10 Stencils, number.
- 1 Stamp marked Bath Department.
- 5 Standard files.
- 1 Safe.
- 3 Stoves.
- 2 Shovels, iron.
- 2 Shovels, snow.
- 2 Slides.
- 1 Small elevator.
- 2 Searchlights.
- 6 Gross screws, No. 8, $1\frac{1}{2}$ inches.
- 1 Square, 6 inches.

1 Stilson wrench.
 5 Saws.
 1 Saw, keyhole.
 5 Toilet holders.
 6 Turnstiles.
 400 Trunks.
 425 Towels.
 150,000 Towel tickets.
 41,000 Trunk tickets.
 2,500 Valuables tickets.

2 Ticket boxes.
 1 Case toilet paper.
 3 Tables.
 4 Waste barrels.

Lumber:

75 Feet $\frac{7}{8}$ -inch chhard pine flooring,
 3 inches.
 150 Feet $\frac{7}{8}$ -inch plain spruce, 6
 inches.

North Bernet Street Bath House.

18 Ash barrels.
 9 Electric lights.
 1 Wheelbarrow.
 7 Coal shovels.
 1 Ton coal.
 1 Work bench.
 1 Vise.
 1 Chair.
 1 Pail.
 22 Feet $\frac{3}{4}$ -inch brass pipe.
 35 Feet 1-inch steam pipe.
 22 Feet $1\frac{1}{4}$ -inch steam pipe.
 5 Feet $\frac{1}{2}$ -inch steam pipe.
 1 16-inch monkey wrench.
 8 $\frac{3}{8}$ -inch galvanized unions.
 2 Grate shakers.
 1 Fire hoe.
 1 Fire rake.
 1 Slice bar.
 1 Hand broom.
 1 Duster.
 1 Tube cleaner.
 1 Push broom.
 1 Damper regulator.
 35 $\frac{3}{4}$ -inch brass elbows.
 18 Feet of pump packing.
 54 Electric lights.
 20 Open showers.
 22 Combination showers.
 5 Toilets.
 2 Urinals.
 5 Wash bowls.
 124 Iron box lockers.
 16 Employees' clothes closets.
 8 Wooden benches.
 1 6-foot step ladder.
 1 10-foot step ladder.
 4 Chairs.
 3 Radiators.
 3 Ceiling coils.
 3 Rubber mats.
 1 Steel mat.
 100 Feet hot water hose.
 1 Hose reel.
 4 Towel baskets.
 3 Toilet paper racks.
 2 Dirt pails.
 2 Wringers.
 2 Dust pans.
 4 Corn brooms.

2 Mops.
 15 Disinfecting boxes.
 7 Signs.
 1 Roll top desk.
 1 Safe.
 1 Cash register.
 2 Keyboards.
 50 Cash envelopes.
 1 Requisition book.
 1 Time book.
 1 Daily receipt book.
 1 Block daily reports.
 1,400 Towels.
 40 Bars soap.
 1 Gallon sulpho-naphthol.
 2 Cans roach powder.
 2 Cans bronze.
 6 Cakes Bon Ami.
 2 Cuspidors.
 1 Waste basket.
 1 Duster.
 1 Bottle ink.
 2 Pens.
 1 Hammer.
 1 Screwdriver.
 1 8-inch monkey wrench.
 1 14-inch monkey wrench.
 6 $\frac{5}{16}$ -inch twist drills.
 8 $\frac{1}{2}$ -inch globe valves.
 2 Boxes extra large plain envelopes.
 1 Ice pick.
 6 Corn brooms.
 2 Shovels.
 2 Squeegees.
 2 Scrubbing brushes.
 6 Oil pails.
 6 Gallons kerosene oil.
 1 Bag sawdust.
 1 Barrel soap powder.
 $\frac{1}{2}$ Barrel soda ash.
 1 Bundle cotton waste.
 1 Hatchet.
 2 Oil sprays.
 4 Looking-glasses
 1 Paint brush.
 1 Can asphaltum.
 5 Gallons white paint.
 $\frac{1}{2}$ Gallon wood oil polish.
 1 Gallon black paint.

5 Sponges.	2 16-foot mats.
2 Steel wire brushes.	1 12-foot mat.
1 Box wire nails.	2 4-foot mats.
4 Oil brushes.	1 Hand weight machine.
1 Ladies' Day sign.	1 Civil service set.
2 Cans metal polish.	3 Medicine balls.
5 Push brooms.	1 Indoor baseball.
1 Fire extinguisher.	1 Indoor baseball bat.
15 Burnt lights.	5 Cans for potato races.
15 New lights.	1 20-pound dumb bell.
47 Locker bolts.	2 30-pound dumb bells.
215 Large keys.	2 40-pound dumb bells.
332 Small keys.	2 45-pound dumb bells.
2 Fire extinguishers.	2 50-pound dumb bells.
2 Cuspidors.	1 60-pound dumb bell.
5 Toilets.	1 65-pound dumb bell.
1 Wash tank.	2 75-pound dumb bells.
1 Urinal.	1 30-foot rubber mat.
4 Wash bowls.	50 Electric lights, chandeliers
18 Shower baths.	and wall fittings..
2 Open showers, three showers	1 Clock.
each.	1 Extension ladder, 36-foot.
105 Gymnasium lockers.	3 Window poles.
5 Wooden benches.	8 Radiators.
4 Chairs.	1 Piano.
3 Signs.	1 Piano stool.
2 Looking glasses.	1 Table for instructor.
1 Toilet paper rack.	8 Chest weights.
22 Iron box lockers.	1 Back weight.
48 Electric lights.	2 Buck horses.
3 Radiators.	2 German horses.
2 Desks.	2 Dip bars.
1 Medicine chest.	102 Wooden wands.
2 Basket balls.	98 Steel wands.
1 Weighing machine.	198 Wooden dumb bells.
25 Rolls toilet paper.	296 1-pound swinging clubs.
1 Extension light.	194 $\frac{1}{2}$ -pound swinging clubs.
1 Water tank.	4 High jump stands.
7 Traveling rings.	8 High jump stand pins.
2 Sets trapeze rings.	1 Hitch and kick pan.
2 Spring boards.	2 Parallel bars.
2 Neck lift rests.	2 Sets hanging bars.
2 Jump ropes.	2 Hanging ladders.
1 Fire extinguisher.	6 Climbing poles.
4 8-foot mats.	6 Climbing ropes.

North End Park.

2,289 Women's suits (1,775 new,	20 Hair push brooms.
512 old).	4 Blankets.
469 Women's skirts.	5 Whisk brooms.
633 Women's suits to repair.	15 Dust pans.
400 Pool suits.	100 Box lanterns.
804 Men's one-piece suits.	9 Bottles vaseline.
8,285 Men's tights.	13 Bottles Jamaica ginger.
635 Boys' tights.	13 Bottles ammonia.
4 Boxes soap.	18 Bottles Anti tablets.
8 Auto sprayers.	3 Rolls adhesive plaster.
54 Packages Bon Ami.	5 Rolls bandages.
$\frac{1}{4}$ Barrel soap chips.	5 Boxes absorbent cotton.
6 Saws.	1 Bottle collodion.
12 Corn brooms.	22 Cans roach salt.
2 Gross brass screws.	48 Hand swabs.

- 29 Mops.
- 16 Mop handles.
- 36 Squeegees.
- 16 Squeegee handles.
- 19 Hair broom handles.
- 10 Iron shovels.
- 3 Iron ash barrels.
- 19 Rakes.
- 2 Pickaxes.
- 3 Pitch forks.
- 23 Iron pails.
- 400 Feet hose.
- 7 Dip nets.
- 10 Dip net frames.
- 2 Hammers.
- 2 Screwdrivers.
- 9 Hand axes.
- 7 Cuspidors.
- 14 Combs and chains.
- 18 Clothes wringers.
- 4 Cash registers.
- 15 Boxes thread (12 spools in box).
- 2 Mouse traps.
- 23 Boxes cotton tape.
- 63 Chimneys.
- 6 Burners.
- 81 Balls knitting cotton.
- 18 Drinking cups.
- 18 Dust brushes.
- 300 Daily report envelopes.
- 41 Cards elastic.
- 5 Fire extinguisher holders.
- 9 Feather dusters.
- 11 Glass globes.
- 21 Hand scrub brushes.
- 3 Horse collars.
- 1 Harness.
- 3 Indoor baseballs.
- 4 Swimming poles.
- 4 Swimming belts.
- 9 Long-handle scrub brushes.
- 24 Long-handle scrub handles.
- 24 Lamp wicks.
- 5 Lamp brackets.
- 16 Lamps.
- 18 Life preservers.
- 4 Medicine chests.
- 6 Mirrors.
- 7 Papers needles.
- Nails:
 - 40 Pounds 6^d nails.
 - 75 Pounds 8^d nails.
 - 80 Pounds 8^d nails.
 - 40 Pounds 10^d nails.
 - 75 Pounds 12^d nails.
 - 65 Pounds 16^d nails.
 - 48 Pounds 40^d nails.
- 9 Gallons kerosene oil.
- 3 Paint brushes.
- 7 Sash brushes.
- 9 Patent mop wringers.
- 15 Reflectors.
- 100 Pounds rope.
- 1 Stetson wrench.
- 16 Gallons pyro.
- 3 Sponges.
- 2 Sail twine.
- 6 Gross screws.
- 8 Snow shovels.
- 1 Scissors.
- 35 Pounds twine.
- 7 Thimbles.
- 3 Blue fish lines.
- 24 Cans brass polish.
- 2½ Gallons Insecticide.
- 30 Pounds canvas.
- 90 Pounds waste.
- 235 Pounds Dutch Cleanser.
- 15 Yards rubber gore.
- 4 Waste baskets.
- 2 Eyebolts.
- 4 Pounds high jump rope.
- 184 Pounds felt.
- 5 Wheelbarrows.
- 4 Window brushes.
- 2 Gallons shellac.
- 24 Back boards.
- 7 Sheets sandpaper.
- 4 Measures.
- 3 Funnels.
- 1 Floor oiler.
- 3 Snap hooks.
- 4 Faucets.
- 34 Gallons auto oil.
- 3 Gallons asphaltum.
- 6 Chest weight handles.
- 14 Pounds chest weight cord.
- 13 Gross safety pins.
- 6,000 Valuables envelopes.
- 5 Belt lacing.
- 6 Pounds leather.
- 17 Arms for German buck.
- ½ Gross numbered tape.
- 1 Table.
- 22 Ball-bearing hangers.
- 43 Gallons cylinder oil.
- 23 Gallons machine oil.
- 542 Towels.
- ¼ Pound beeswax.
- 29 Nozzles.
- 5 Castings.
- 1 Ladies' sign.
- 1 Quart bronze paint, copper.
- ½ Gross grommets.
- 22 Sister hooks.
- 1 S-hook.
- 6 Lengths chain.
- 13 Cans olive paint.
- 15 High jump pins.
- 12 Running tops.
- 5 Running top plates.
- 14 Ice tanks.
- 6 Toilet paper holders.
- 1 Paper copper tacks.
- 1 Pound staples.

37 Old hinges.
 75 Pounds chloride of lime.
 18 Iodoform gauze.
 1 Oar.
 50 Clothes hooks.
 47 Old curtains.
 2 Anchors.
 48 Shoulder hooks.
 20 Washers.
 2 Yards packing.
 1 Patent oarlock.
 40 Pounds pumice.
 1 Paint pot.
 1 Gross sand pails.
 1 Gross sand shovels.
 1 Sink.
 2 Dumb bells.
 1 German horse.
 1 Stretcher.
 1 Wire mat.
 3 Gymnasium mats.
 1 Book press.
 1 Crowbar.
 1 Post hole bar.
 1 Scale.
 1 Rod wire netting.
 2 Nozzles, $1\frac{1}{2}$ -inch.
 1 Stretcher.
 1 Vacuum cleaner.
 1 Screen for gymnasium door.
 Plumbing from various places
 to go back.
 Miscellaneous pieces lumber.
 1 Boiler.
 2 Safety valves.
 1 Slice bar.
 1 Iron hoe.
 1 Iron rake.
 1 Iron poker.
 1 Iron shovel.
 1 Iron pail.
 1 Tube cleaner.
 1 Steam tube cleaner.
 1 Hose, 25 feet.
 3 Wrenches.
 2 Water glasses.
 1 Squirt oil can.
 1 Dust pan.
 1 Dust brush.
 1 Mirror.
 1 Sand screen.
 1 Wheelbarrow.
 3 Ash barrels.
 1 Steam gauge.
 1 Vise.
 1 Work bench.
 1 Shovel.
 2 Mangles.
 3 Dynamos.
 1 Exhaust fan.
 1 Engine.
 2 Washing machines.
 2 Extractors.

1 Dryer.
 4 Dryer racks.
 1 Hot water bottle.
 18 Baskets.
 7 Tables.
 18 Chairs.
 1 Mirror.
 1 Settee.
 2 Cabinets.
 3 Gallon pails.
 11 Jack strops.

WOMEN'S HOUSE.

2 Mirrors.
 1 Table.
 8 Showers.
 2 Washbowls.
 12 Toilets.
 3 Washbowls.

MEN'S HOUSE.

2 Showers.
 1 Safe.
 3 Toilets.
 1 Boat.
 1 Pair oars.
 1 Pair rowlocks.
 1 Ice water cooler.
 1 Sink.
 6 Urinals.
 1 Mirror.

LADIES' TOILET.

1 Mirror.
 5 Washbowls.
 6 Toilets

KINDERGARTEN.

2 Sand boxes.
 1 Merry-go-round.
 2 Sliding boards.
 2 Frames for swings.
 12 Hammocks.
 8 See-saws.
 1 Gallon ash barrel.
 1 Watering can.
 1 Rake.

TOOL HOUSE.

1 Plane.
 2 Saws.
 2 Hammocks.
 1 Square.
 3 Bits.
 1 Bit stock.
 1 Oil stone.
 3 Chisels.
 1 Mallet.
 1 Heavy hammer.
 1 Solder iron.
 1 Plumber's torch.
 1 Small broad axe.

1 Pinch bar.
1 Crowbar.
1 Level.

1 Miter box.
1 Miter saw.
1 Rammer.

Ward Seven Gymnasium.

1 Stomach machine.
1 Vaulting bar.
1 Set stall bars.
2 Basket ball cages.
1 Swedish horse.
1 Foot machine.
1 German horse.
1 German buck.
1 Folding ladder.
2 Climbing poles.
2 Climbing ropes.
4 High jump standards.
2 Incline boards.
1 Abdominal board.
1 High jump rope.
1 High jump stick.
1 Wrist machine.
1 Hercules club.
1 Overhead chest weight.
11 Chest weights.
1 Fire extinguisher.
46 Short wands.
49 Iron wands.
49 Long wands.
1 Concert grand piano.
1 Piano stool.
1 Parallel bar.
1 Pair flying rings.
6 Traveling rings.
1 Window pole.
1 20-foot mat.
3 10-foot mats.
2 4-foot mats.
1 10-foot mat (double thick).
37 1-pound dumb bells (with holders).
27 $\frac{1}{2}$ -pound dumb bells (with holders).
34 1-pound Indian clubs.
37 $\frac{1}{2}$ -pound Indian clubs.
1 Bell.
2 Thermometers.
1 Weight holder containing one 75-pound, one 60-pound, one 50-pound, one 40-pound, one 25-pound, one 10-pound iron dumb bells.

HALLWAY AND LOCKER ROOM.

1 Sign.
1 6-foot stepladder.
1 Clock.
1 Gas lighting pole.
1 Cuspidor.
1 Settee.
54 Small lockers.
1 Extension ladder.

36 Large lockers.
44 Double lockers.
1 Waste paper can.
1 Rubber mat.
2 Toilet paper holders.
1 Thermometer.
1 Coal hod.
2 Push brooms.
2 Corn brooms.
1 Rake.
1 Ice chopper.
2 Mops and handles.
1 Dust pan.
1 Feather duster.
1 Dust brush.
1 Can sulpho-naphthol.
1 Can kerosene oil.
1 Laundry basket.
2 Pokers.
4 Tin pails.
100 Feet rubber hose.
1 Fire extinguisher.
3 Swedish stools.
1 Mirror.
1 Comb.
6 Wooden racks.
6 Curtains.
3 Curtain rods.
1 Closet containing hammer, wrench, saw, auger, screw-driver and five empty cans with fifty wooden potatoes.

INSTRUCTORS' AND DOCTORS' ROOM.

1 Case containing civil service instruments.
1 Doctor's folding screen.
1 Pair scales.
1 Bench.
1 Table.
3 Chairs.
1 Mirror.
1 Height stick.
1 Lung tester.
1 Pitcher.
1 Wash basin.
1 Baseball bat.
Doctors' closet containing doctors' instruments and supplies.

LADIES' ROOM.

14 Chairs.
16 Folding chairs.
1 Swedish stool.
1 Mirror.
1 Laundry basket.

- 1 Sign.
- 1 Iron frame for curtains.
- 25 Girls' suits.
- 35 Curtains.

OFFICE.

- 1 Cash register.
- 1 Gas lighter.
- 2 Small lockers containing soap, wax tapers, etc.
- 1 Mirror.
- 2 Baseball bats.
- 1 Indoor baseball.
- 2 Basket balls.
- 3 Medicine balls.

- 1 Laundry basket and towels.
- 1 Gas radiator with hose.
- 1 Pair 1-pound Indian clubs.
- 1 Keyboard and keys.
- 1 Desk containing office supplies, etc.

CELLAR.

- 1 Hot water heater.
- 1 Hot water iron boiler.
- 1 Hot water iron stand.
- 4 Ash barrels.
- 1 Case toilet paper.
- 3 Coal shovels.
- 2 Snow shovels.

Ward Nine Gymnasium.

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| 1 Buck. | 8 Tons stove coal. |
| 1 Box (Swedish). | 40 Cloth curtains. |
| 4 Walking beams. | 13 Canvas curtains. |
| 1 Incline board. | 2 Basket ball cages. |
| 1 Spring board. | 194 Folding chairs. |
| 1 Hair brush. | 3 Toilet closets. |
| 3 Books (ledgers). | 1 Clock. |
| 2 Baseball bats. | 70 1-pound Indian clubs. |
| 3 Baseballs. | 40 1½-pound Indian clubs. |
| 2 Basket balls. | 12 Chest weights. |
| 3 Medicine balls. | 2 Double suspended chest weights. |
| 2 Brooms. | 3 Cuspidors. |
| 2 Floor brushes. | 4 Window curtains. |
| 1 Dust pan brush. | 2 Combs. |
| 2 Whisk brushes. | 4 Disinfectant drips. |
| 5 Iron barrels. | 2 Desks. |
| 2 Pairs rubber boots. | 2 Dippers. |
| 1 Hot water boiler, 8 feet long,
3 feet diameter. | 1 Dust pan. |
| 4 Wooden benches. | 1 Fire extinguisher. |
| 2 Wash bowls. | 1 Finger machine. |
| 1 Abdominal flat board. | 1 Hot water heater. |
| 1 Coal bin. | 1 Steam heater. |
| 1 Horizontal bar. | 1 Heater (gas with tubing). |
| 1 Low parallel bar. | 1 Electric bell with batteries. |
| 1 100-pound iron bell. | 75 Clothes hooks. |
| 1 75-pound iron bell. | 1 Horse. |
| 1 65-pound iron bell. | 244 Hangers for bells and Indian
clubs. |
| 1 50-pound iron bell. | 1 Hammer. |
| 1 45-pound iron bell. | 1 15-foot hose. |
| 1 35-pound iron bell. | 1 Horse. |
| 1 40-pound iron bell. | 2 Hangers for wands. |
| 1 25-pound iron bell. | 1 Holder for toilet paper. |
| 1 20-pound iron bell. | 1 Keyboard. |
| 1 15-pound iron bell. | 2 Jumping stands. |
| 1 10-pound iron bell. | 1 12-foot ladder. |
| 96 ½-pound wooden bells. | 20 Incandescent lamps. |
| 134 1-pound wooden bells. | 72 Wooden lockers. |
| 1 Pair floor parallel bars. | 3 Arc lights. |
| 1 Pair high parallel bars. | 1 45-foot horizontal ladder. |
| 1 Towel basket. | 60 Locker keys with duplicates. |
| 1 Cash register. | 4 Mirrors. |
| 1 Cleaner for heater. | 1 Gas meter. |
| 3 Chairs. | 1 Water meter. |
| 4 Tons egg coal. | 5 10-foot mats. |

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| <p>2 5-foot mats.
 2 Incandescent and arc meters.
 1 3-foot 6-inch by 3-foot 6-inch
 metallic mat.
 1 7-foot by 4-foot rubber mat.
 1 Piano and stool.
 1 Vertical movable pole.
 4 Vertical stationary poles.
 6 Iron pails.
 265 Feet brass pipe.
 760 Feet iron pipe.
 1 Pint polish.
 4 Floor pushes.
 1 Rostrum.
 1 Plumber's torch.
 5 Radiators.
 5 Pounds plaster of paris.
 $\frac{1}{2}$ Gross safety pins.
 1 7-foot by 12-foot rug.
 1 Rack for iron bells.
 2 Vertical ropes.
 5 Traveling rings.
 1 Requisition book.
 1 Receipt book.
 1 Rod for curtains.
 1 Pair rings (flying).
 1 Stationery.
 50 Stamped envelopes.
 4 Memorandum blocks.
 25 Cash envelopes.
 50 Property envelopes.
 1 Day report block.
 2 Sponges (cleaning).
 1 Oil skin suit.
 13 Showers.
 1 Scraper (heater).
 15 Bars soap.
 5 Signs.
 1 Spray (insect).
 24 Stools.
 2 Shovels.
 1 Saw.
 2 Screwdrivers.
 $\frac{1}{2}$ Barrel sawdust.
 1 Quart sulpho-naphthol.
 1 Gallon shellac.
 4 Pounds putty.
 1 Table (doctor's).
 8 Rolls toilet paper.
 450 Towels.
 1 Thermometer.</p> | <p>2 Tanks (ice).
 1 Gallon turpentine.
 1 Toilet plunger.
 2 Urinals.
 1 Wrist machine.
 3 Pounds waste (cotton).
 2 Wringers (mop).
 71 Wands (long).
 45 Wands (short).
 50 Wands (iron).
 20 Pieces chalk.
 1 Feather duster.
 20 Lights of glass, burnt, 12" by 14".
 2 Mops.
 2 Jumping ropes.
 1 Exterior lamp (glass, 12 inches
 square).
 5 8-quart milk cans.
 11 Electric shades.
 1 Medicine chest.
 4 Gallons disinfectant.
 1 Coal hod.
 50 Cards.
 1 Spirometer.
 1 Scales.
 1 Measuring rod (height).
 1 Chest spirometer.
 1 Chest civil service (wooden).
 1 Chest rod.
 1 Caliper.
 1 Stethoscope.
 1 Pectoral test (pull).
 1 Finger test.
 1 Pectoral test (push).
 1 Back test.
 2 Wooden braces.
 1 Screen.
 5 Rolls bandages.
 2 Rolls plaster.
 13 Slate slabs, 3 feet by 6 feet by
 1 inch thick.
 1 Slate slab, 3 feet by 9 inches
 wide by 6 feet long.
 3 Slate slabs, 3 feet by 6 feet by
 1 inch thick.
 1 Slate slab, 5 feet by 6 feet,
 1 inch thick.
 10 Slate slabs, 16 inches by 6 feet,
 1 inch thick.
 1 Hatchet.</p> |
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[DOCUMENT 6 — 1912.]



ANNUAL REPORT
OF THE
BOARD OF APPEAL
FOR THE
YEAR ENDING JANUARY 31, 1912.

BOSTON, February 12, 1912.

HON. JOHN F. FITZGERALD,
Mayor of Boston:

DEAR SIR,— In accordance with section 8, chapter 550, Acts of 1907, we submit herewith a summary of the decisions of the Board of Appeal that have been rendered since our last annual report of January 31, 1911.

In regard to recommendations for revision of the law, which seem to us advisable, we have but one suggestion to make this year.

From a recent case before this Board it has again been brought to our notice that an unnecessary hardship is caused by the requirement that all partitions in a first class building must be of first class construction. Strictly enforced, this would mean that no small rooms in office buildings could be partitioned off by wooden or glass screen partitions, such as are universally used through the city. When such partitions are brought to the notice of the Building Commissioner he is obliged to order them removed, and upon appeal to this

Board we are in some quandary as to the advisability of sustaining or dismissing such an appeal. We believe that within certain areas, inclosed entirely by fireproofed partitions and floors, so-called secondary or temporary partitions of wood and glass should be allowed, since they do not materially increase the fire risk and are no more inflammable than wooden screens stopping just short of the ceiling, or furniture and other appurtenances of every office building.

We therefore recommend, as we have already done in our report of 1910, that at the end of the second paragraph of section 35, chapter 550, Acts of 1907, the following clause be inserted:

“Partitions of wood or glass or both may be used in first class buildings within areas inclosed by fireproof walls and fireproof partitions, if such areas do not exceed one thousand square feet.”

Respectfully submitted,

BOARD OF APPEAL,

by WILLIAM D. AUSTIN,

Secretary.

SUMMARY OF DECISIONS.

CASE No. 257.

February 15, 1911.

The Board concurred with the Building Commissioner in permitting an equivalent method of construction in regard to openings in party walls where peculiar conditions exist.

CASE No. 258.

February 18, 1911.

The appellant proposed to alter an existing tenement house three and a half stories in height with an ell three stories in height by increasing the main building and also the ell to five stories in height. The Building Commissioner refused a permit because certain windows in the new rooms proposed would not open upon spaces required by law. The appellant contended that section 63, on which the Building Commissioner based his objection, applied to new structures and not to the alteration of an existing tenement house. Finding that the contention of the appellant was sound, the Board sustained the appeal.

CASE No. 259.

February 15, 1911.

The Building Commissioner refused to grant a permit to erect a double wooden house because the party wall did not extend to the front line of a connecting porch as required by the commissioner's interpretation in section 40, chapter 550, Acts of 1907. The appellant contended that such a porch with a roof should not be considered as a part of the building proper. The Board agreed with the appellant in this specific instance and sustained the appeal.

CASE No. 260.

February 18, 1911.

The appellant proposed to erect three adjoining brick tenement houses five stories in height. An outer court runs in from the back yard of the end house a distance of approximately 18 feet and 6 feet in width. Two

rooms on each story obtain their light from this court. Two rooms on each story of the adjoining house (separated from the end house by a 12-inch party wall) also derive their light from said court. The middle house is also provided with a similar 6-foot court, two rooms of said house being solely lighted by said court and two rooms on each story of the third house also deriving their light from said court. These single rooms in the central and in the third house derive no light from their own premises, wherein lay the objection of the Building Commissioner. The Board dismissed the appeal on the ground that so much space was left for the back yards that the plans could be made to conform to the law without causing any hardship to the appellants.

CASE No. 261.

February 27, 1911.

The appellant asked permission to erect a pent house upon the roof of a hotel for the accommodation of a ventilating system, the area of the pent house to exceed the maximum permitted by law, namely, 12 feet square by 12 feet in height. In view of the uses to which this pent house was to be put, and with the understanding that it was to be put only to such uses, the Board sustained the appeal.

CASE No. 262.

February 20, 1911.

The Building Commissioner refused to grant a permit to make proposed alterations in a hotel because "inclosures containing one or more water-closets are not to be provided with adequate ventilation to the outer air either by window or suitable light shaft." The Board found that the method of ventilation proposed was equivalent to that literally called for in the law and sustained the appeal.

CASE No. 263.

March 4, 1911.

The Building Commissioner refused to grant a permit to erect a small four-story tenement house as the proposed building was provided with no yard and the public halls were not lighted in the manner required by law. The lot in question is 14 feet in depth at one end, 20 feet at the other, and approximately 48 feet in length, upon a public street 17 feet in width. There are to be

suites of three rooms and two rooms on each of the four stories, all such rooms being amply lighted from the public street aforesaid. Windows are to be cut in the rear wall of the premises in question, said wall abutting upon the rear lot line of adjoining premises. The staircase will be lighted by one of these windows in the rear wall and the staircase also receives light from above the ceiling of the water-closet compartment on each floor. The Board, finding that upon a lot of such small dimensions and shape it would be impossible to provide a 12-foot yard, that the staircase would be sufficiently lighted, and that this was a specific case not contemplated by the law though covered by it, sustained the appeal.

CASE No. 264.

March 8, 1911.

The Building Commissioner refused to grant a permit to erect a tenement house because the outer court, running in from the back yard, was not 6 feet in width for its entire length, as required by law. This outer court is 6 feet in width for two-thirds of the length of the court, but at the outer end of said court, near the yard, it is diminished to 4 feet. The entire court abuts upon a public school yard at least 100 feet wide. The Board sustained the appeal on the ground that there was but a slight deviation from the letter of the law and that the school yard would afford much more exposure than is legally required for tenement houses.

CASE No. 265.

March 15, 1911.

The Building Commissioner refused to grant a permit to erect a factory as the proposed factory would exceed the height permitted by law. Two-thirds of the frontage abuts upon a street 40 feet in width and the balance of the frontage abuts upon a street 80 feet in width. The height of a building on a 40-foot street cannot, lawfully, exceed 100 feet. The appellants proposed to erect their building to a height of 125 feet, contending that, if the street be of uneven width, the width should be the average width of the street opposite the building. On this basis the appellants could legally erect a building 125 feet in height. Finding the contention of the appellant to be sound, the Board sustained the appeal.

CASE No. 266.

March 15, 1911.

The Building Commissioner refused to grant a permit to erect a tenement house because the yard did not extend the entire width of the lot. The lot in question is of very irregular shape, resembling the letter "L." The appellant has provided a rear yard of legal dimensions at the rear of one leg of the "L," but at the rear of the front portion, which is the other leg of the "L," no yard is provided. The Board dismissed the appeal on the ground that the yard, as contemplated, would be insufficient.

CASE No. 267.

March 15, 1911.

The Building Commissioner refused to grant a permit to make alterations in an existing tenement house as there was no yard provided at the rear. The premises in question abut upon the opening into the new subway, near Cambridge street. The appellants contended that section 56, chapter 550, Acts of 1907, authorized such omission, as the entrance to the subway should be considered as a "railroad right of way," because of the permanency of its character. On the ground that the contention of the appellant was sound, the Board sustained the appeal.

CASE No. 268.

March 25, 1911.

The appellant proposed to alter a three-story brick building by adding one story to the existing building, thereby converting said building into a tenement house, said tenement house having no yard at rear of premises, in violation of the law. After an inspection of the premises, the Board found no reason for deviating from the law in this case and dismissed the appeal.

CASE No. 269.

March 25, 1911.

The appellant asked permission to erect an addition, one story in height, to an existing three-story wooden dwelling on a sloping lot. The proposed addition would be in the basement, which is almost entirely out of ground. The Building Commissioner contended that, as the proposed addition is to be occupied as a store, the

fire hazard would be slightly increased and that the building is really a four-story frame structure, which would be illegal for a new building of this character. The appellant contended that as partitions and ceilings are to be fireproofed the addition would not constitute a fire hazard and he was simply converting a portion of an existing basement into a compartment for mercantile purposes. The Board, finding the contention of the appellant to be sound, sustained the appeal.

CASE No. 270.

April 3, 1911.

The Building Commissioner refused to grant a permit to erect a tenement house as no back yard was provided. The lot in question was L-shaped with a frontage on two streets and the appellant contended that, therefore, no back yard was required. The Board found that section 56, chapter 550, Acts of 1907, applied to a lot running from street to street, but not to exceed 150 feet. As the lot in question exceeds 150 feet the appeal was dismissed.

CASE No. 271.

April 3, 1911.

The appellant asked permission to increase the height of an ell of an existing tenement house. The Building Commissioner refused the application because the existing back yard is not of the lawful depth, and therefore no extension could legally be made in this case. The Board found that the law does not forbid the enlarging of an existing tenement house, provided the size of the lot is not thereby diminished, and sustained the appeal.

CASE No. 272.

April 5, 1911.

The Building Commissioner refused to grant a permit as no yard was provided in rear of premises. The premises in question abut upon a public school yard, and the appellant contended that such school yard was equivalent to a "railroad right of way, a cemetery or a public park," in view of its permanency. The Board, acting under the discretionary power granted in section 7, chapter 550, Acts of 1907, sustained the appeal.

CASE No. 273.

April 5, 1911.

The appellant asked permission to erect a tenement house on a corner lot with no yard across the rear of the lot. In lieu of the yard there is an existing 5-foot passageway or court running in from the street to beyond the rear of the premises in question. The appellant intended to dedicate 1 foot of his lot to the enlargement of said 5-foot passageway. The Building Commissioner contended that the width of said passageway or court should be not less than one-eighth of its length (which is 75 feet), in accordance with section 58, chapter 550, Acts of 1907. The appellant contended that section 56 and not section 58 was applicable to this case, and that the minimum width of 6 feet therein described may be used regardless of the length of the court, and as said court or passageway is to be used in lieu of a yard the requirements in section 58 for inner and outer courts would not apply. The Board, finding the appellant's interpretation of the law to be sound, sustained the appeal.

CASE No. 274.

April 3, 1911.

The Building Commissioner refused to grant a permit to erect a tenement house as the means of egress required for tenement houses is not provided. The Board, finding that the egress provided was equivalent to the strict requirement of the law, sustained the appeal.

CASE No. 275.

April 5, 1911.

The Building Commissioner refused to grant a permit to erect a hotel as several roof houses and other structures erected above the roof line exceed the dimensions permitted by law, namely, 12 feet square and 12 feet high. None of the structures on the roof are to be used for any purpose other than for ventilation, elevator machinery, or to cover staircases to the roof. In view of the uses to which these pent houses are to be put and with the understanding that they are to be put only to such uses, the Board sustained the appeal.

CASE No. 276.

April 12, 1911.

This appeal being made under a misapprehension as to the facts in the case, the same was dismissed without prejudice.

CASE No. 277.

April 18, 1911.

Appeal was withdrawn.

CASE No. 278.

May 11, 1911.

The Building Commissioner ordered the appellant to provide additional means of egress in four dwelling houses. The houses are three stories in height, with flat roofs; access from roof to roof is possible, and not more than eleven persons occupy each house above the first story. Provided that steps from the roof be extended down to the level of third floors and hand rails provided, and that the scuttles be counterweighted, the Board sustained the appeal.

CASE No. 279.

April 29, 1911.

The appellant asked permission to light certain new rooms in his existing tenement house by means of existing windows which open onto a yard belonging to adjoining premises. The Building Commissioner contended that as a new tenement house could not lawfully be erected with only such provision for light in any rooms, therefore it should not be allowed in the case of an alteration of an existing tenement house. The appellant contended that section 35 is applicable to this case and in that section, so long as rooms receive their light from certain sized areas outside of the walls, there is no prohibition of such areas being on premises not belonging to the house in question. The Board found that section 35 and not section 63 was applicable and sustained the appeal.

CASE No. 280.

May 20, 1911.

The appellant proposed to make alterations in a brick tenement house four stories in height. One window on each story receives its light from adjoining premises. The Building Commissioner contended that section 63, chapter 550, Acts of 1907, relative to requirements for new tenement houses, applied in this case. The Board found that section 35, chapter 550, Acts of 1907, relative to alterations of existing buildings, applied in this case and sustained the appeal.

CASE No. 281.

May 20, 1911.

The Building Commissioner refused to grant a permit to erect three tenement houses as no intakes were provided to the inner courts. In the center of each building is an area 16 feet by 32 feet (double that required by law), starting at the level of the second floor. Every suite on each floor opens from a street to this area and to provide intakes would seriously injure the plans. The Board, finding this to be a specific case, and that it would be an injustice to require the appellant to provide intakes, sustained the appeal.

CASE No. 282.

May 31, 1911.

The Building Commissioner ordered the appellant to provide additional means of egress in four tenement houses of second class construction. There is one staircase from the basement to the top story and a stairway leading to a large scuttle in the roof of each house. The roofs are flat and there is access to adjoining roofs. The number of occupants above the first story in each house does not exceed ten. A fire engine house is within a stone's throw. The Board, after inspecting the premises, concluded that the houses in question were supplied with reasonable means of egress in case of fire and sustained the appeal.

CASE No. 283.

May 24, 1911.

The appellant asked permission to erect a tenement house of second class construction, three stories in height, to exceed by about 700 square feet the maximum 5,000 superficial square feet permitted by law. The building will be surrounded by open spaces of at least 25 feet on every side and on two sides by 40 feet wide streets. Such a structure not exceeding 5,000 square feet of ground area could be erected five stories in height and be within 10 feet of other buildings on two sides. On the ground that the building more than conforms to the spirit and intent of the law and is better than the law requires, and that it would be a manifest injustice in this specific case to refuse to grant a permit to the appellant, the Board sustained the appeal.

CASE No. 284.

July 1, 1911.

The plans in this case being incorrect, the appeal was dismissed without prejudice.

CASE No. 285.

July 15, 1911.

The appellant asked permission to erect a two-story dwelling, using 8-inch brick exterior walls. The total area of the building is about 1,975 square feet, an exceed of 375 square feet over the maximum permitted by law for a dwelling with 8-inch brick exterior walls. The Building Commissioner's refusal was technical. In view of various physical conditions pertaining to the premises, the Board found that it would be a manifest injustice in this specific case to refuse to grant a permit, and that what the appellant proposed is within the intent and spirit of the law. The Board sustained the appeal.

CASE No. 286.

July 15, 1911.

The appellant asked permission to alter a two-story wooden dwelling with an inhabitable mansard roof, which is not occupied, by raising the building and putting in a new first story. The Building Commissioner contended that the alteration would produce a wooden building to be used for habitation, more than three stories above the basement, which would not be lawful. The appellant did not propose to use the mansard roof for purposes of habitation and so long as he did not occupy the same for purposes of habitation he contended that it would be an injustice to deprive him of the opportunity of improving his property as set forth in his plan. On the ground that the contention of the appellant was sound, and with the understanding that the mansard roof is not to be occupied for habitation, the Board sustained the appeal.

CASE No. 287.

July 15, 1911.

The appellant asked permission to erect a theater, omitting on one side of the auditorium the exact shaped and located open court or passageway required by law. Equivalent passageways were provided and the physical

conditions surrounding the property precluded an exact compliance with the law. The Board, finding this to be a specific case not contemplated by the law, although covered by it, and that the spirit of the law would not be violated by the proposed variation from it, sustained the appeal.

CASE No. 288.

July 26, 1911.

The appellant asked permission to omit the fireproofing of steel columns and steel floor beams in a two-story building of first class construction, to be used as a station for reduction of voltage from an electrical power plant. The Board found that the appellant could lawfully erect, for the purpose, a building of second class construction, and that he, therefore, could not be required to conform to the provisions for a first class structure and had a legal right to omit the fireproofing of columns and floor beams. The appeal was dismissed.

CASE No. 289.

Case still pending.

CASE No. 290.

July 29, 1911.

The Building Commissioner refused a permit to make alterations in a certain building because the exposure required by law would not be provided in certain rooms. The appellant contended that this was a case evidently not contemplated when the law was framed. The Board sustained the appeal, with certain provisos, on the ground that it would be an injustice to refuse a permit since the variations from the technical requirements of the law were very slight.

CASE No. 291.

August 10, 1911.

The Building Commissioner refused a permit to make alterations in an alleged third class building, to be used after alterations as a house for habitation, because the exposure required by law would not be provided. The appellant contended that the building was not a third class structure, but practically second class, and would be absolutely second class

when certain alterations proposed in the plans have been accomplished. The Board sustained the appeal on the ground that there was no law prohibiting the proposed alterations in this instance.

CASE No. 292.

August 2, 1911.

The Building Commissioner refused a permit to erect a synagogue because the height of the building exceeded the maximum permitted by law, and because the external and party walls were of less thickness than was required by law. The appellant disputed both contentions of the Building Commissioner. The Board found the contention of the Building Commissioner to be sound and dismissed the appeal.

CASE No. 293.

August 2, 1911.

The Building Commissioner refused a permit to build a tenement house because no intake was provided for the inner court. The appellant contended that no intake in this instance was necessary, and it would be an unnecessary hardship if it was required to be provided. The Board agreed with the Building Commissioner and dismissed the appeal.

CASE No. 294.

July 29, 1911.

The Building Commissioner refused a permit to build four dwellings because the exposure for certain rooms was less than that required by law, and because certain portions of the back yards of the premises were to be occupied by one-story ells. Board found that under section 35 such ells might be considered permissible and that the exposure for other rooms, while not technically that required by law, were provided with the equivalent exposure, owing to certain peculiar physical conditions surrounding the property. The appeal was sustained.

CASE No. 295.

August 10, 1911.

The Building Commissioner refused to grant a permit to build a tenement house because there would be no yard behind the building. The appellant contended

that no yard was required behind a tenement house hereafter erected upon a lot less than 150 feet deep, running through from a street to an alley or open passageway not less than 15 feet wide, and he claimed that his lot met the above conditions. The Board, after an investigation of the premises, affirmed the decision of the Building Commissioner and dismissed the appeal.

CASE No. 296.

August 10, 1911.

The Building Commissioner refused a permit to make alterations in an existing three and one-half story wooden tenement house, because after alterations such house would be four stories in height, which is one story higher than the law permits for wooden dwellings. The Board found that the appellant did not propose to increase the height of the building, but only to change the pitch roof to a flat roof, and that there was nothing in the law to prohibit his so doing and therefore sustained the appeal.

CASE No. 297.

August 10, 1911.

The Building Commissioner refused a permit to erect a tenement house because certain rooms would not be lighted as required by law. Owing to the physical conditions surrounding the property, namely, a schoolhouse yard on one side and a yard of a police station on another, the appellant contended that his rooms would be better lighted than technically required by law, and that he should be allowed the benefit of such physical conditions. The Board agreed with the appellant and sustained the appeal, after an inspection of the premises.

CASE No. 298.

August 14, 1911.

The Building Commissioner refused a permit to erect a sun parlor upon the roof of an existing hotel, because said hotel already exceeded in height and area what would be allowed for a new building for similar purpose. The appellant contended that what he proposed to do did not increase the height of the building nor its area nor in any way interfere with the light and air of adjoining property nor increase the fire hazard, and that there was nothing in the law prohibiting such proposed structure in the case of an existing building. The Board agreed with the appellant and sustained the appeal.

CASE No. 299.

August 30, 1911.

The Building Commissioner refused a permit to add a one-story ell at the rear of a tenement house, said one-story ell to be used for mercantile purposes, on the ground that no tenement house could be enlarged or its light diminished so as to decrease the minimum depth of yards prescribed for tenement houses in the law. Owing to the fact that adjoining premises were also utilized for mercantile purposes in the same manner as desired by the appellant, and after an inspection of the premises, the Board sustained the appeal.

CASE No. 300.

August 30, 1911.

The Building Commissioner refused a permit to erect a hotel because there was no ventilation to the outer air by window or suitable light shafts for water-closets as required by law. The appellant contended that the proposed method of ventilating the water-closet compartments by means of air shafts and fans was more than the equivalent of the intent of the law and the Board sustained the appeal.

CASE No. 301.

September 11, 1911.

The appellant asked to be permitted to use a plank roof on steel trusses for a garage of otherwise first class construction, although a statute of April 26, 1911, prohibits such plank construction in a garage. Owing to misunderstandings and ignorance of this statute the appellants had been granted a permit allowing such construction and had in consequence incurred considerable expense before his permit was revoked by the Building Commissioner. In view of the expense incurred and the general circumstances in this case, and upon the assurance of the appellant that he would protect the underside of the roof plank with incombustible material satisfactory to the Building Commissioner, the appeal was sustained.

CASE No. 302.

September 11, 1911.

Appellant applied for permit to install a gas engine. After a hearing had been given to the protestants, as

required by law, the Board, in consideration of all the circumstances in the case, granted the application.

CASE No. 303.

September 11, 1911.

The Board concurred with the Building Commissioner in granting an equivalent method of construction regarding thickness of walls in a certain building.

CASE No. 304.

September 23, 1911.

The appellant asked permission to leave an existing staircase in a mercantile building of second class construction, which was undergoing alterations, without inclosing the said staircase with fireproof partitions as called for in the law. The appellant also appealed from the ruling of the Building Commissioner that sufficient egress was not provided. The Board dismissed the appeal regarding means of egress and sustained the appeal regarding the inclosing of the existing staircase on the ground that the law is so faultily worded that, if literally followed, a more dangerous fire trap would exist than in the condition that the law was intended to prohibit.

CASE No. 305.

September 23, 1911.

Appellant asked permission to build penthouses on the roof of a mercantile building to be constructed of greater height and area than permitted by law. As the said penthouses were to be used only for elevator and other machinery incidental to the most efficient operation of a modern mercantile building, the Board sustained the appeal.

CASE No. 306.

September 26, 1911.

The Board concurred with the Building Commissioner in finding the means of ingress and egress satisfactory in a mercantile building wherein the floor space exceeds 10,000 square feet in area.

CASE No. 307.

October 4, 1911.

The Building Commissioner found that rain water leaders in a building had been installed by persons other

than licensed plumbers, contrary to his interpretation of the law which required that all plumbing work shall be done by licensed plumbers. As the said rainwater leaders have no connection with any sewer or cesspool, but discharge independently into the harbor, the Board ruled that such work is not a part of the plumbing system of the building and that the appellant had, therefore, acted within his rights in his employment of the persons who did the work in question. Appeal sustained.

CASE No. 308.

October 4, 1911.

Appeal from the Building Commissioner's order that additional egress is required. After inspection of the premises by the Board, the appeal was dismissed.

CASE No. 309.

October 4, 1911.

Case similar to Case No. 308 and similarly dismissed.

CASE No. 310.

October 16, 1911.

The Board concurred with the Building Commissioner in granting an equivalent method of construction regarding exposure in yards and courts of a building.

CASE No. 311.

October 20, 1911.

The Building Commissioner refused to grant a permit to alter and heighten an existing tenement house, because the existing yards are not of legal size required for new tenements. After inspection of the premises by members of the Board, the Board sustained the appeal provided certain modifications were made in the plans in order to prevent additional detriment to adjoining property.

CASE No. 312.

October 25, 1911.

The appellant asked permission to disregard certain definite requirements in the law as to yards behind tenement houses in his special case, which was an alteration and heightening for tenement purposes of an existing one-story brick mercantile building. As the appellant would provide more exposure than is technically called

for in the law, although differing from the exact requirements therein, the Board sustained the appeal.

CASE No. 313.

November 1, 1911.

The appellant appealed from an order of the Building Commissioner to provide additional means of egress. The Board found the Building Commissioner's order to be reasonable and dismissed the appeal.

CASE No. 314.

This case is similar to the preceding one. Case No. 314 has not yet been heard and it is therefore assumed that the appellant was governed by the ruling of the Board in Case No. 313 and has complied with the order of the Building Commissioner.

CASE No. 315.

November 6, 1911.

The appellant asked permission to erect a tenement house with a yard of less area than the law requires, because of peculiar physical conditions surrounding his property. After an inspection of the premises by the Board, the appeal was dismissed.

CASE No. 316.

November 6, 1911.

The appellant asked permission to erect a tenement house upon a corner lot with a slight variation from the technical requirement in the law regarding yards. The Building Commissioner contended that the lot in question was not a corner lot. After inspection of the premises by the Board, the appeal was sustained on the ground that the appellant is to provide an equivalent area for yard purposes, and that the lot in question is a corner lot.

CASE No. 317.

November 1, 1911.

The Building Commissioner refused to issue a permit to erect a mercantile building because the means of egress from certain floors would not, in his opinion, be sufficient. The appellant contended that the egress shown on the plans is reasonably sufficient. The Board concurred with the appellant and sustained the appeal.

CASE No. 318.

This case was withdrawn before hearing was given.

CASE No. 319.

November 13, 1911.

The Building Commissioner refused to issue a permit to make alterations in and increase the height of a portion of an existing second class building for habitation, and covering more than 5,000 square feet of floor area, for the reason that a like new structure could not lawfully exceed 5,000 square feet in area, and that the spirit of the law would seem to prohibit such a privilege as the appellant asked for in the case of an existing building to be altered. The Board found that section 35, chapter 550, Acts of 1907, distinctly contemplated a difference between the treatment of an existing building to be altered and a like new building, and that the Building Commissioner is given discretionary power in this matter. The appeal was sustained on the ground that this case has none of the conditions which would warrant a refusal of his application.

CASE No. 320.

November 18, 1911.

This appeal was withdrawn after a preliminary hearing.

CASE No. 321.

December 9, 1911.

The Building Commissioner refused to issue a permit to make alterations in two adjoining tenement houses because no yards were to be provided as required by law. The appellant stated that he had purchased house No. 1 in order to protect his own house (No. 2) from being deprived of light and air as was threatened by the proposed lawful alterations of house No. 1. He contended that by controlling both houses, what he proposed to do would provide much better conditions as to light and air than would be possible with the houses under separate ownership. The Board sustained the appeal with a proviso regarding certain alterations in the plans, on the ground that what could lawfully happen would create a worse condition than was contemplated by the proposed alterations which

would be as nearly within the letter and spirit of the law as the physical conditions permitted.

CASE No. 322.

December 11, 1911.

The Building Commissioner refused to issue a permit to build a modern tenement house because its area, if considered as one building, exceeds the maximum permitted by law for wooden buildings, and if considered as four separate houses no back yards were provided in the case of some of the houses. The appellant contended that the building should be considered as four separate structures and that back yards as technically required were not necessary in this case because of the open areas on all sides of the houses. The Board sustained the appeal on the ground that it would be a manifest injustice to refuse a permit to erect such a building which would be far superior in every way to what could be erected in conformity with all the technical requirements of the law.

CASE No. 323.

December 5, 1911.

The appellant asked permission to convert a wooden dwelling house located in the suburbs into a five-family tenement house without conforming to all the requirements of the law regarding the lighting of staircase and size of one bedroom. With a proviso that certain interior windows shall be provided, the Board sustained the appeal.

CASE No. 324.

December 9, 1911.

The Building Commissioner refused to issue a permit to erect a tenement house because of lack of yard space. The appellant contended that a yard space was not required by law and that what he proposes to provide for exposure was better than, though not technically in conformity with, the law. The Board sustained the appeal on the ground of its being a specific case not contemplated by the law, though covered by it.

CASE No. 325.

December 16, 1911.

The Building Commissioner refused to issue a permit to build a tenement house because the means of egress

was not satisfactory. After an examination of the plans the Board concurred with the Building Commissioner and dismissed the appeal.

CASE No. 326.

December 20, 1911.

Appeal withdrawn temporarily.

CASE No. 327.

December 28, 1911.

The appellant asked permission to amend plans of a theatre for which a permit had been previously granted by order of the Board upon an appeal from the refusal of the Building Commissioner to issue the permit. The proposed changes concerned relocations of certain balcony exits and of the courts and fire escapes connected therewith. Permission was granted.

CASE No. 328.

January 31, 1912.

Appellant asked the Building Commissioner to permit, in the exercise of his discretionary power, the omission of back venting of traps for certain fixtures in appellant's buildings now under construction. The Building Commissioner refused the application on the ground that, in his opinion, his discretionary power in this matter was not sufficient. A majority of the Board found, on appeal, that such discretionary power could have been used by the Building Commissioner in favor of the applicant in this case, and therefore using their own discretionary power, they overruled the Building Commissioner's decision and sustained the appeal with certain specific provisos regarding tests for the traps without back vents that were proposed to be used by the appellant.

CASE No. 329.

January 6, 1912.

Appellant appealed from the order of the Building Commissioner to provide additional means of egress. Appeal dismissed.

CASE No. 330.

January 4, 1912.

The Building Commissioner refused to issue a permit to erect a tenement house on a corner lot because of lack

of yard or court as required by law. The appellant contended that this is a case not contemplated by the law though covered by it. Owing to the physical conditions surrounding the property, and with a proviso as to alteration of certain rooms, the Board sustained the appeal on the ground that the proposed house would more than fulfill the spirit of the law.

CASE No. 331.

January 19, 1912.

The Building Commissioner ordered the appellant to provide additional means of egress. Board concurred with the Building Commissioner and dismissed the appeal.

CASE No. 332.

January 22, 1912.

The Building Commissioner ordered certain partitions of second class construction in a first class building to be removed as they were in violation of the law. Upon appeal the Board sustained the appellant in the case of one partition not extending to the ceiling and dismissed the appeal in the case of partitions extending from floor to ceiling.

CASE No. 333.

January 31, 1912.

Appellant asked permission to provide a water-closet compartment in a private dwelling without a window, directly upon the open air or light shaft. He proposed equivalent methods of lighting and ventilating which this Board found sufficient. Appeal sustained.

CASE No. 334.

January 31, 1912.

The appellant asked permission to install a gas engine. After a hearing to the appellant in which protestants also appeared and testified, and after an examination of the premises, engine and machinery, the Board granted the permit.



ANNUAL REPORT
OF THE
BUILDING DEPARTMENT
FOR THE YEAR 1911.

100 SUMMER STREET, February 1, 1912.

HON. JOHN F. FITZGERALD,
Mayor of the City of Boston:

SIR,—In compliance with section 1, chapter 550, Acts of 1907, and of section 24, chapter 3, of the Revised Ordinances of 1898, a statement of the operations of the department is herewith presented from February 1, 1911, to January 31, 1912.

Very respectfully yours,

ARTHUR G. EVERETT,
Building Commissioner.

The number of permits granted for first and second class buildings is 554; for third class buildings, 1,537; for alterations, 2,551; for setting of steam boilers, engines, etc., 1,290; for plumbing, 4,052; for gas fitting work, 10,090,—making a total of 20,074 permits granted during the year.

The number of examinations made upon buildings in process of construction is 21,184; of alterations, 11,988; of boilers, engines, etc., relative to setting, 1,486; plumbing work, 19,923; gas fitting work, 15,314; elevators, 3,998; egress, 4,844; plans, 6,141; specials, 116; fires, 447 — making a total of 85,441.*

These examinations occasioned 371 reports relative to unsafe buildings, dangerous chimneys, etc.; 447 reports relative to fires; 664 reports relative to violations, and 3,635 final reports, making a total of 5,117 reports made during the year.

The number of notices issued for violation of the statutes, etc., is 2,152; for unsafe buildings, walls, etc., 305; for dangerous chimneys, 65; for additional means of egress, 2,190, and for miscellaneous purposes, 2,371 — making a total of 7,083 notices issued during the year.

Of the 6,141 plans submitted during the year 4,894 were approved and 1,247 were disapproved.

The department referred to the Board of Appeal 76 appeals. Forty-eight appeals were sustained, and 17 appeals were dismissed. The Board of Appeal also concurred with the Building Commissioner in allowing an equivalent method of construction in three cases, as provided in section 8, chapter 550, Acts of 1907. The department received 55 communications from the Board of Appeal. There are seven (7) cases pending action of said Board. In three (3) cases the Board concurred with the commissioner in allowing equivalent method of construction.

One case of area exceeding 10,000 square feet proposed egress, etc., was approved by the Board in concurrence with the commissioner. Two (2) hearings were held on objections to erecting two different gas engines. Petitions dismissed.

The number of first and second class buildings completed and upon which final reports have been rendered during the year is 326, at an estimated cost above the land of \$11,843,225.

The number of third class buildings completed and upon which final reports have been rendered during the year is 1,144, at an estimated cost above the land of \$5,343,988.

The number of alterations completed during the year is 2,512, at an estimated cost of \$6,434,824.

* For statement of examinations, etc., of theaters, public halls and existing tenement houses, see tabulations of same not included in the above.

The number of plumbing jobs completed during the year is 3,353, at an estimated cost of \$1,314,573.

The number of boilers, etc., set, 1,150, at an estimated cost of \$532,204.

The number of gas fixtures and piping installed is 9,496, at an estimated cost of \$442,926.

The total estimated increase in tax valuation by construction and improvement for the year is \$26,035,730.

There have been 931 buildings provided with additional means of egress. This includes 2,072 families, 7,833 persons, at an estimated cost of \$123,990.

February 1, 1911, there were 27,853 brick buildings and 62,867 wooden buildings in Boston. Since that date, up to February 1, 1912, there have been erected 326 brick and 1,144 wooden buildings; 122 brick and 180 wooden buildings have been taken down and 25 wooden buildings have been totally destroyed by fire.

By the annexation of (Hyde Park) Ward 26, January 1, 1912, there was added 100 brick buildings and 3,096 wooden buildings, making a total of 95,057 buildings in Boston February 1, 1912, as follows: Brick, 28,155; wood, 66,902.

**Area of Boston (in Acres), Population and Estimated Value of
Buildings by Wards.**

WARDS.	Area in Acres.	Population.	Estimated Value of Buildings.
1.....	1,510	29,676	\$9,455,150
2.....	415	28,812	10,638,800
3.....	388	15,339	5,349,750
4.....	467	13,294	6,597,150
5.....	222	12,811	5,429,705
6.....	293	35,758	44,381,900
7.....	412	14,913	70,819,700
8.....	250	32,430	14,348,400
9.....	287	26,427	13,575,825
10.....	394	25,320	27,834,625
11.....	908	27,444	52,910,100
12.....	235	24,294	12,578,800
13.....	713	21,561	13,797,200
14.....	899	23,584	9,242,625
15.....	350	21,216	5,945,150
16.....	673	25,633	10,741,620
17.....	460	26,426	10,407,825
18.....	220	22,735	8,434,600
19.....	760	31,714	12,949,950
20.....	2,110	55,720	32,227,975
21.....	640	30,511	17,917,600
22.....	760	29,975	13,734,565
23.....	7,662	30,668	16,280,633
24.....	3,480	37,749	21,591,705
25.....	2,856	26,575	17,540,475
26.....	2,931	15,507	13,093,625
Totals.....	30,527	686,392	\$477,825,453

List of islands in Boston Harbor belonging to the City of Boston and within the corporate limits of the city together with their acreage and the purpose of the buildings thereon:

Rainsford Island, 17.4 acres, Suffolk School for Boys and Quarantine Station.

Deer Island, 99.6 acres. House of Correction occupies 13.7 acres.

Apple Island, 8.9 acres; unoccupied.

Thompson's Island, 146.5 acres, Boston Asylum and Farm School for indigent boys.

NOTE.—Great Brewster, 23.1 acres, and Moon Island, 30 acres, belong to the city but are without its limits.

Table showing by wards the estimated number of buildings occupied for habitations in Boston (including Ward 26, Hyde Park). Habitation includes dwellings, tenement houses, apartment houses, family hotels, flat houses, hotels and lodging houses, February 1, 1912.

Wards.	No. of Habitations.	Wards.	No. of Habitations.
1	3,500	15	2,432
2	2,380	16	2,705
3	1,616	17	2,624
4	1,807	18	2,197
5	1,294	19	2,973
6	1,565	20	7,159
7	1,175	21	3,750
8	1,774	22	3,398
9	1,896	23	5,060
10	2,286	24	5,811
11	3,245	25	4,478
12	2,381	26	2,745
13	2,122		
14	2,553	Totals	<u>74,929</u>

Under the provisions of the statutes relating to buildings in the City of Boston, and of special acts pertaining thereto, the department has among other things the supervision over the following matters:

1. The erection of first and second class buildings throughout the city.

2. The erection of third class buildings outside the building limits, so called.

3. Additions, alterations and repairs upon all classes of buildings, with especial reference to their compliance with the requirements of the building law.

4. The inspection of unsafe buildings and structures, with power to require the securing or removal of same, and in cases of immediate danger, where the security of the public is imperiled in life and limb, authority, with the written approval of the Mayor, to enter upon, secure or take down the same as the exigencies of the public safety, in the opinion of the commissioner, may require.

5. The examination of buildings damaged by fire or accident, with authority to enter upon the premises and investigate the origin of fires.

6. The supervision of unsafe boilers, furnaces, etc., with authority to require the securing of same, to prevent fire.

7. The supervision and protection of the building limits, the area in which the erection of third class buildings is prohibited by law, with exceptions as to certain buildings on wharves and those used for market purposes.

8. The examination of plans of proposed buildings, of alterations and additions, with special reference to safety in construction, occupancy, sanitation, ventilation and providing requisite light and air as set forth in the building law.

9. The enforcement of reasonable egress in case of fire or panic for all existing buildings used for habitations or any occupation requiring same.

10. The enforcement of light, air, ventilation and sanitation in all existing tenement houses under special provisions of the building law.

11. The inspection of elevators and hoistways with reference to their safety for use and their construction and operation.

12. The erection of steam boilers, engines, furnaces, dynamos, oven, kilns and melting kettles.

13. The authority to give grade for cutting off piles.

14. The examination of bay windows and all projections, upon petition to project, to see that they are properly constructed and secured.

15. Authority, where terms of a permit are being violated, to order whole or part of work to stop until terms of permit have been complied with.

16. Authority to require material facts set forth in application to be verified by the oath of the applicant.

17. The inspection and regulation of plumbing throughout the city.

18. The inspection and regulation of gas fitting throughout the city.

19. Authority to pass on quality of materials used in construction, compelling them to be in accordance with standards set forth in building law.

20. The inspection and supervision of all theaters, moving picture houses, halls and places of public assembly where charge is made for admission.

DAILY DUTIES OF OFFICE AND FIELD FORCE OF
THE BUILDING DEPARTMENT.

From the first intimation of the owners' intention to build, and while the drawings are being made, interviews are often had with the office on matters pertaining to the construction of the law and its application to the proposed structure and preliminary sketches are frequently features of these consultations.

Upon the completion of the drawings an application, accompanied by a duplicate set of same, is filed at the office. Before a permit can be granted the drawings must be approved and this means an examination into the proposed method of construction, quality and strength of materials and this examination often requires a boring or sounding of the soil to ascertain its condition, in order to properly determine the method and character of foundation construction and the loads that can be safely imposed.

Having determined the ton loads per superficial foot which the earth can safely sustain, or piling, if on filled land, next is considered the number of rows of piling, the distance on centers and the grade for cutting off same. On establishing this grade the point in consideration is the proper and sufficient covering of the piles in summer months with tide or soil water. The general established grade in Boston is five (5) but is subject to change by the commissioner who has full authority to establish such grades. Next for consideration is the foundation. The thickness of foundation walls, whether rubble, brick, block, granite or concrete, is prescribed by law and the character of building and height of walls governs it. Same is true of the thickness of walls, and the requirements for steel frame or concrete construction are set forth also by law, and in these cases the aid of an engineer is sometimes required. Floor and roof construction follow, with computations as to their weight and strength and in this computation is included columns and girders.

Chimneys and fireplaces, stairways and elevator shafts, egress and ingress, light and air exposures, plumbing, gas fitting and power and heating apparatus each in turn are taken into consideration with a view to complying with the requirements of law regulating safety in construction, egress and occupation, in sanita-

tion and the furnishing of all necessary law required safeguards either for public occupancy or private use. The field force or inspectors as often as practicable and possible with the amount of work to be inspected make examination of the buildings in process of erection or alteration, noting violations of law and reporting same, determining whether the materials used are as specified and in compliance with statute requirements, and whether the law is met in spirit and letter, that all violations, whether of commission or omission, are removed or complied with. Daily memorandum is kept of each examination and when the building is completed the application is closed and also the record, the plans and applications being taken from the live or active list and placed in the files or dead storage.

Piling and concrete receive particular attention, the contractors employing a sort of clerk of works during this portion of their building who must be satisfactory to the commissioner and who daily must file with the department a report of that day's work as observed by him. A sworn statement of the truth of his reports to the department is filed by him at the close of his inspections in each and every such case.

Plumbing inspectors note the quality of material used, of work performed in a sanitary and legal manner, requiring tests before plumbing is used to see that pipes are sound, free from holes and that the joints are tight.

Gas fitting is examined when to be installed to enforce a compliance with the legal requirements as to weight, size and quality of fittings and fixtures, a mercury test is made, satisfactory in its results to the inspector before gas fitting can be used. In this connection the companies supplying gas refuse to make meter connections until the approval by the inspector is recorded in this office, a representative of the gas companies visiting the office each day to note the approvals recorded.

Elevators are inspected with reference to their complying with law requirements as to doors, gates or bars, to opening in shafts, to vertical iron bars painted red in external window of shafts, to machinery and safety devices, and if found unsafe for use are so placarded and use prohibited.

The inspection and supervision of theatres, moving picture houses, halls and one-night exhibitions is a special branch of work, requiring judgment, patience,

tact, firmness and affability. This in conjunction with the examination of all existing buildings to determine if additional egress is necessary and of all existing tenement houses to procure light and air demanded by law form part of the office and field operations of the department.

Should an accident of any sort in, to or upon a building occur, an examination, followed by a written report with fullest detail, is made and damage from fire, flood, wind, lightning, explosion, decay, falling of elevators, etc., are included in these special reports.

The statutes require a report of all buildings damaged by fire, giving probable origin. These reports are made and recorded and when of especial moment a special report is filed. Special reports form interesting records and are very valuable from the facts and detailed information given.

Permits.

Table Showing Number and Purposes for which Permits have been Granted by Months.

1911.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	1912. January.	Totals.
First and second class buildings.....	26	40	34	74	84	50	50	69	42	23	46	16	554
Third class buildings.....	89	147	105	173	141	120	123	128	156	135	147	73	1,537
Alterations.....	187	249	242	300	253	223	192	208	198	165	168	166	2,551
Plumbing.....	194	279	366	420	413	352	428	322	332	343	349	254	4,052
Gas fitting.....	513	694	878	1,185	1,211	977	850	726	837	825	769	625	10,090
Boilers, engines, furnaces, etc.....	78	96	91	103	92	106	96	116	142	114	145	111	1,290
Totals.....	1,087	1,505	1,716	2,255	2,194	1,828	1,739	1,569	1,707	1,605	1,624	1,245	20,074

Examinations.

Table Showing the Number of Examinations by Months, and for what Purpose.

1911.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	1912. January.	Totals.
New buildings.....	1,000	1,541	1,537	1,911	1,780	1,189	2,042	1,779	2,037	2,076	2,420	1,872	21,184
Alterations.....	801	1,024	1,157	1,207	928	604	962	976	993	913	1,236	1,187	11,988
Boilers.....	99	117	107	82	80	87	109	120	131	157	225	172	1,486
Plumbing.....	1,242	1,673	1,608	1,973	1,776	1,041	1,507	1,568	1,788	1,922	1,908	1,917	19,923
Gas fitting.....	1,000	1,439	1,400	1,470	1,301	952	1,204	1,075	1,324	1,390	1,464	1,295	15,314
Elevators.....	218	413	224	265	301	372	289	289	426	433	365	403	3,998
Egress.....	127	149	331	450	584	396	395	420	432	571	456	533	4,844
Plans.....	383	542	491	723	589	523	449	525	556	517	472	371	6,141
Specials.....	9	7	13	11	12	7	7	10	8	8	12	12	116
Fires.....	50	42	33	46	24	49	25	21	28	29	33	67	447
Totals.....	4,929	6,947	6,901	8,138	7,375	5,220	6,989	6,783	7,723	8,016	8,591	7,829	85,441

Reports.

Table Showing Number of Reports by Months, and for what Purpose.

1911.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	1912. January.	Totals.
Unsafe buildings, dangerous chimneys, etc.....	12	27	31	26	15	6	36	43	30	71	52	22	371
Fires.....	50	42	33	46	24	49	25	21	28	29	33	67	447
Violations.....	52	55	46	47	69	18	47	50	27	69	102	82	664
Finals.....	327	154	363	182	231	189	344	424	210	559	364	288	3,635
Totals.....	441	278	473	301	339	262	452	538	295	728	551	459	5,117

Notices.
Table Showing Number of Notices by Months, and for what Purpose.

1911.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	1912. January.	Totals.
Violation of statutes, etc.....	178	186	189	196	159	89	114	220	180	279	184	178	2,152
Unsafe buildings, walls, etc.....	13	21	13	32	26	19	26	16	20	71	29	19	305
Dangerous chimneys.....	11	4	3	6	.....	2	6	4	5	12	10	2	65
Egress.....	34	122	242	233	236	110	110	201	193	303	170	236	2,190
Miscellaneous.....	96	150	183	224	223	169	205	184	206	288	228	215	2,371
Totals.....	332	483	630	691	644	389	461	625	604	953	621	650	7,083

Plans.
Table Showing by Months the Number and Purposes of Plans Approved and Disapproved.

	1911.												Totals.
	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	1912. January.	
	Approved. Not approved.	Approved. Not approved.	Approved. Not approved.	Approved. Not approved.	Approved. Not approved.	Approved. Not approved.	Approved. Not approved.	Approved. Not approved.	Approved. Not approved.	Approved. Not approved.	Approved. Not approved.	Approved. Not approved.	Approved. Not approved.
Total new buildings.....	120 28	185 52	165 50	309 60	220 46	160 73	185 35	213 55	215 60	192 97	202 67	107 31	2,273 654
Total alterations.....	205 30	263 42	243 33	316 38	258 65	225 65	191 38	217 40	216 65	56 72	159 44	172 61	2,621 593
Total approved.....	325	448	408	625	478	385	376	430	431	348	361	279	4,894
Total not approved.....	58	94	83	98	111	138	73	95	125	169	111	92	1,247
Total plans submitted.....	383	542	491	723	589	523	449	525	556	517	472	371	6,141

Table Showing by Months and Wards the Number of Buildings, First and Second Class, for which Permits have been Granted.

WARDS.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	Totals.
1911.																											
February.....	1	2	1			1	1			2	2							3			9				4		26
March.....	1	8				2		1		3	7					2	1			6	1	4	1		3		40
April.....		2				1					4		2	1	1				2	9	3	1	1	1	6		34
May.....		7		1		6	3	5		6	3		2	2		2	1		3	5	5	3	1	1	18		74
June.....	1	4	3			2	2	4	1	4	6	1	1			1	1	1	1	22	2	6	2	3	16		84
July.....		7					1	3		6	8				1				2	3	7	7	1	1	3		50
August.....	3	6				2	1	4		1	7		1				1			7	1	6	2	3	5		50
September.....	1	20						2		1	9		1					1	19		10	3	1			1	69
October.....		2					3		2	4	9		1	1					1	6	4		2	3	4		42
November.....		3			1			1	1		2					3	1	1		4			2	3	1		23
December.....	1	4	1		2	2	1	2	2	4	2			1		1	1	2		4	4	4	1	7			46
1912.																											
January.....		1				1			3	2	2	1	1				1							1	3		16
Totals.....	8	66	5	1	3	18	11	22	9	33	61	2	9	5	2	9	7	8	28	66	46	34	15	25	61		554

NOTE.—Ward 26, formerly Hyde Park, annexed to Boston January 1, 1912.

Table Showing by Months and Wards the Number and Estimated Cost above the Land of First and Second Class Buildings Completed and upon which Final Reports have been Rendered.

WARDS.	1911. February.		May.		June.		July.		August.		September.		October.		November.		December.		1912. January.		Totals.	
	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
1.	1	.....	1	.....	1	\$10,000	.....	.....	.....	.....	1	\$34,000	.....	.....	3	\$10,500	.....	.....	1	\$9,000	6	\$63,500
2.	2	\$390,000	.....	.....	.....	.....	.....	.....	1	\$15,000	3	19,000	5	\$22,575	1	6,000	9	\$63,000	4	141,500	24	281,075
3.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	42,000	.....	.....	.....	.....	.....	.....	3	31,300	6	463,300
4.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6.	3	92,000	.....	.....	.....	.....	.....	.....	2	14,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7.	.....	.....	.....	.....	.....	.....	.....	.....	4	1,461,000	1	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8.	7	112,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10.	4	165,400	.....	.....	.....	.....	.....	.....	2	52,000	4	177,200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11.	1	12,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12.	11	118,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17.	1	800	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20.	4	48,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23.	2	10,400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24.	2	125,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25.	2	70,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.	39	\$1,143,600	13	\$298,500	16	\$990,500	6	\$60,000	20	\$1,769,250	16	\$296,800	28	\$366,525	61	\$2,876,050	45	\$955,700	69	\$2,876,250	326	\$11,843,225

Table Showing by Months and Wards the Number of Buildings, Third Class, upon which Permits have been Granted.

WARDS.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	Totals.
1911.																											
February.....	4					1									1	5				14	2		22	21	19		89
March.....	3	2				1								3		6	2		3	28	11	6	43	33	6		147
April.....				2	2					1			1			5	2		3	23	1	2	32	25	5		105
May.....	9	2														5	2			36	4	8	47	36	24		173
June.....	1	2	2	1	1									7	1	2	3		1	28	1	4	50	25	12		141
July.....	8	2	3	1										2	1	2			1	23	6	5	36	24	6		120
August.....	3		1	3	1	1								1		5			2	24	7		30	38	7		123
September.....	18	1			2									3	1	6	2		1	30	3	6	29	19	7		128
October.....	17	1	1	1												5	1			32	2	5	29	49	13		156
November.....	12			2	1											3			7	27	1	1	28	32	21		135
December.....	15	1							1				1	7		7	1		1	34	2	2	30	22	23		147
1912.																											
January.....	3																			22	1	1	15	28	3		73
Totals.....	93	11	7	10	7	3			1	1		2	24	4	51	13			19	321	41	40	391	352	146		1,537

NOTE.—Ward 26, formerly Hyde Park, annexed to Boston January 1, 1912.

Table Showing by Months and Wards the Number and Estimated Cost above the Land of Third Class Buildings Completed and upon which Final Reports have been Rendered.

	1911. February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.			1912. January.			Totals.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
WARDS.	1.....	2	\$8,200	12	\$61,950				1	\$2,500	4	\$21,500				\$975			4	\$22,800	3	\$15,000	1	\$6,000	23	\$111,350	5	\$30,000	6	\$32,750	61	\$312,050																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	2.....										3	3,900	2						1	5,500																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

Table Showing by Months and Wards the Number of Permits Granted to make Alterations, etc.

WARDS.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	Totals.
1911.																											
February.....	8	6	.....	2	1	32	36	8	6	9	11	3	13	1	1	2	5	4	1	9	6	1	13	5	4	.....	187
March.....	10	10	2	5	3	40	29	6	7	8	17	4	6	2	5	4	5	2	11	18	5	10	20	10	10	.....	249
April.....	15	15	2	3	1	38	26	8	2	7	12	13	8	3	11	7	5	4	3	20	7	3	11	13	5	.....	242
May.....	13	14	.....	5	1	41	34	23	11	14	34	3	9	12	4	2	4	2	4	13	9	6	20	14	8	.....	300
June.....	10	13	1	6	1	34	18	10	5	10	36	7	9	3	7	5	6	3	5	11	5	10	12	16	10	.....	253
July.....	5	11	3	3	2	26	23	8	2	8	33	4	9	4	6	4	3	5	3	8	6	4	17	16	10	.....	223
August.....	12	13	2	3	6	21	24	6	4	8	12	3	6	4	4	2	2	6	7	6	3	12	10	13	3	.....	192
September.....	4	9	1	6	1	9	42	7	11	12	19	2	7	2	.....	3	4	12	4	11	4	5	17	8	8	.....	208
October.....	6	10	.....	3	5	19	26	10	6	14	15	2	7	4	3	8	5	1	1	10	3	4	9	11	16	.....	198
November.....	3	6	.....	4	1	18	21	8	4	8	12	4	3	3	3	2	6	5	8	11	3	2	13	10	7	.....	165
December.....	8	6	1	8	6	18	26	11	2	15	10	3	2	3	1	3	4	1	10	5	6	2	8	5	4	.....	168
1912.																											
January.....	5	7	1	2	3	32	31	7	9	10	7	2	5	2	1	4	7	2	.....	8	1	4	4	7	4	1	166
Totals.....	99	120	13	50	31	328	336	112	69	123	218	50	84	43	46	46	56	47	57	130	58	63	154	128	89	1	2,551

Note.—Ward 26, formerly Hyde Park, annexed to Boston January 1, 1912.

Table Showing by Months and Wards the Number of Permits which have been Granted to set Steam Boilers, Engines, etc.

WARDS.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	Totals.
1911.																											
February.....	2	.....	1	.....	.....	3	3	1	1	1	4	5	.....	1	1	4	.....	1	1	13	2	1	21	6	6	.....	78
March.....	1	.....	.....	.....	.....	4	5	1	.....	2	3	2	4	2	1	3	2	1	.....	19	11	.....	18	15	2	.....	96
April.....	12	.....	.....	2	1	1	3	.....	.....	2	2	.....	1	.....	.....	6	.....	.....	14	.....	1	20	23	3	.....	91	
May.....	2	.....	1	.....	.....	9	5	.....	.....	2	3	3	1	.....	.....	7	2	1	2	21	6	3	19	11	5	.....	103
June.....	1	.....	.....	.....	1	.....	4	1	.....	.....	13	1	.....	1	.....	2	.....	1	1	10	6	5	18	18	9	.....	92
July.....	.....	.....	.....	.....	.....	2	2	2	.....	.....	6	1	.....	1	.....	2	.....	1	2	22	2	2	27	7	27	.....	106
August.....	2	.....	1	.....	.....	1	2	2	3	6	7	3	.....	.....	.....	2	.....	.....	1	12	.....	4	24	20	6	.....	96
September.....	2	.....	.....	.....	.....	6	4	.....	2	6	8	.....	2	2	.....	5	.....	.....	.....	12	8	2	32	14	11	.....	116
October.....	7	.....	2	1	1	7	6	.....	.....	11	15	6	1	3	1	4	1	.....	1	13	2	5	25	26	4	.....	142
November.....	6	.....	1	1	1	5	1	2	1	12	5	1	3	.....	1	5	.....	1	1	20	5	6	15	9	12	.....	114
December.....	3	2	.....	1	1	4	2	1	3	1	5	1	.....	4	.....	4	1	1	1	41	4	4	37	19	5	.....	145
1912.																											
January.....	8	.....	1	.....	1	1	3	1	1	5	6	2	.....	.....	.....	.....	1	.....	.....	21	4	4	21	18	13	.....	111
Totals.....	46	2	7	5	6	43	40	11	11	48	77	25	12	14	4	44	7	7	10	218	50	37	277	186	103	.....	1,290

NOTE.—Ward 26, formerly Hyde Park, annexed to Boston January 1, 1912.

Table Showing by Months the Number and Classification of Boilers, etc., for which Permits to Set have been Granted.

Months.	Furnaces.	Boilers.	Heaters.	Ovens and Ranges.	Boilers and Engines.	Engines.	Dynamos.	Forge.	Gas Engine and Generator.	Motor.	Stoker and Roasters.	Totals.
1911.												
February.....	52	20	30	2	1	.....	.....	.....	7	.....	.....	112
March.....	102	35	30	6	2	.....	.....	.....	7	.....	.....	182
April.....	145	21	26	1	.....	.....	.....	.....	2	.....	.....	195
May.....	93	62	41	3	.....	.....	1	.....	7	.....	1	208
June.....	95	30	35	2	.....	.....	1	.....	1	.....	.....	164
July.....	138	37	43	2	2	.....	.....	.....	1	.....	.....	223
August.....	72	43	48	7	.....	.....	.....	.....	1	.....	.....	171
September.....	78	44	71	7	1	.....	.....	.....	2	.....	1	204
October.....	106	54	55	4	.....	.....	.....	.....	7	.....	.....	226
November.....	126	33	26	2	5	.....	4	.....	.....	.....	.....	196
December.....	199	40	74	5	3	.....	.....	.....	2	.....	.....	323
1912.												
January.....	139	36	38	4	.....	.....	.....	.....	3	.....	.....	220
Totals.....	1,345	455	517	45	14	.....	6	.....	40	.....	2	2,424

Egress.

Table Showing by Months Egress Provided, etc.

1911.	Examination.	Re-examination.	Requisition.	Letters.	Letters Received.	PROVIDED FOR.			Cost.
						Buildings.	Families.	Persons.	
February.....	38	89	19	15	5	44	141	361	\$6,940
March.....	86	63	48	74	41	62	143	518	8,320
April.....	240	91	158	84	27	89	198	711	12,420
May.....	318	132	151	82	35	91	189	801	15,620
June.....	423	161	141	95	19	94	191	782	16,100
July.....	95	301	52	58	18	71	138	694	11,820
August.....	147	248	46	64	18	79	171	692	11,910
September.....	219	201	72	129	14	82	180	618	8,340
October.....	331	101	81	112	16	70	198	703	8,470
November.....	482	89	161	142	33	73	184	619	7,940
December.....	387	69	93	77	25	87	138	620	8,130
1912.									
January.....	440	93	147	89	23	89	201	714	7,980
Totals.....	3,206	1,638	1,169	1,021	274	931	2,072	7,833	\$123,990

THEATRES AND PUBLIC HALLS.

The inspection and supervision of conditions surrounding theatres and public halls imposed by chapter 450, Acts of 1904, is assigned by the Mayor to this department.

List of Theatres, with their Location and Licensed Seating Capacity, Examined Monthly in Accordance with Chapter 450, Acts 1904.

NAME.	Location Licensed.	Licensed Seating Capacity.
Austin & Stone's.....	4 Tremont row.....	351
Bijou Theatre.....	545 Washington street.....	838
Boston Opera House.....	Huntington avenue, corner Opera place..	2,718
Boston Theatre.....	539 Washington street.....	2,848
Bowdoin Square Theatre.....	179-187 Court street.....	1,365
Casino Theatre.....	44 Hanover street.....	1,958
Castle Square Theatre.....	Castle square.....	1,813
Colonial Theatre.....	100-106 Boylston street.....	1,602
Dudley Street Opera House.....	113 Dudley street.....	692
Gaiety Theatre.....	659-667 Washington street.....	1,479
Globe Theatre.....	692 Washington street.....	1,531
Grand Opera House.....	1172-1194 Washington street.....	1,979
Hollis Street Theatre.....	12 Hollis street.....	1,640
Howard Athenæum.....	34 Howard street.....	1,489
Hub Theatre.....	1134-1140 Washington street.....	1,169
Keith's Theatre.....	527 Washington street.....	2,020
Majestic Theatre.....	219-223 Tremont street.....	1,726
National Theatre.....	535 Tremont street.....	3,106
Orpheum Theatre.....	413-415 Washington street.....	1,792
Palace Theatre.....	109-113 Court street.....	1,000
Park Theatre.....	617 Washington street.....	1,275
Plymouth Theatre.....	129 Eliot street.....	1,390
Shawmut Theatre.....	362 Blue Hill avenue.....	1,573
Shubert Theatre.....	263-265 Tremont street.....	1,590
South End Theatre.....	978-998 Washington street.....	1,799
Tremont Theatre.....	176 Tremont street.....	1,735

WORK COMMENCED AND COMPLETED DURING THE PAST YEAR ON THE FOLLOWING THEATRES:

BOWDOIN SQUARE THEATRE:

Balconies provided with additional egress by an outside fire escape on Alden court side.

HOWARD ATHENÆUM:

Installed automatic sprinklers for stage.

CASINO THEATRE:

Painted fire escape.

SOUTH END THEATRE:

General improvement, entire theatre resealed, repaired roof ventilators.

PALACE THEATRE:

Repaired roof ventilators.

ORPHEUM THEATRE:

Work on gas and electric systems.

NOTE.—The National, Plymouth and Shawmut Theatres have been erected and licensed since last report. Gordon's Olympic Theatre, 658 Washington street, is in process of erection.

List of Moving Picture Houses, with their Location and Licensed Seating Capacity, Examined Monthly.

NAME.	Location.	Licensed Seating Capacity.
Apollo Theatre Hall.....	1048-1050 Washington street.....	775
Back Bay Theatre Hall.....	102 Dartmouth street.....	775
Beacon Theatre Hall.....	47 Tremont street.....	775
Boulevard Hall.....	695 Saratoga street, East Boston.....	450
Congress Hall.....	220 Broadway.....	550
Dreamland Theatre Hall.....	1009 Washington street.....	673
Eagle Theatre.....	43 Fairmount avenue, Hyde Park.....	250
Eagle Theatre Hall.....	2225-2231 Washington street.....	772
Egleston.....	Washington street, corner Beethoven st..	519
Emmet Theatre Hall.....	656-660 Centre street, Jamaica Plain....	500
Gem Theatre Hall.....	12 Poplar street, Roslindale.....	250
Imperial.....	619 Broadway, corner I street.....	683
Magic Theatre Hall.....	127 Havre street, East Boston.....	447
Norfolk Hall.....	328 Washington street, Dorchester.....	424
Old South Theatre Hall.....	329 Washington street.....	778
Olympia Theatre Hall.....	429 Broadway.....	660
Olympic Theatre Hall.....	6 Bowdoin square.....	600
Orienta Theatre Hall.....	2152 Washington street.....	270

List of Moving Picture Houses.—*Concluded.*

NAME.	Location.	Licensed Seating Capacity.
Paradise Theatre.....	1029 Washington street.....	352
Pastime Theatre Hall.....	581 Washington street.....	360
Potter Hall.....	177 Huntington avenue.....	446
Puritan Theatre Hall.....	1741 Washington street.....	703
Roxbury Theatre Hall.....	2170 Washington street.....	760
Scenic Temple.....	512 River street, Mattapan.....	322
Scenic Temple.....	22 North Beacon street, Allston.....	400
Scenic Temple Hall.....	4 Berkeley street.....	1,444
Scenic Temple Hall.....	344 Meridian street.....	575
Star Theatre Hall.....	5 Tremont row.....	365
Sullivan Square Hall.....	544-548 Main street, Charlestown.....	301
Superb Theatre Hall.....	1122-1124 Columbus avenue.....	782
Supreme Theatre Hall.....	292 Centre street, Jamaica Plain.....	495
The Nickelodeon.....	51 Hanover street.....	135
Theatre Comique Hall.....	14-16 Tremont row.....	454
Theatre Joliette Hall.....	136-138 Court street.....	276
Theatre Premier Hall.....	680 Washington street.....	318
Union Hall.....	120 Main street.....	351
Unique Theatre Hall.....	700 Washington street.....	499
Washington Theatre Hall.....	722 Washington street.....	529
Williams Ideal Theatre.....	530 Dudley street.....	581
Winthrop Hall.....	570 Columbia road.....	400
Zenicon Temple.....	320 Blue Hill avenue.....	760

NOTE.— The following moving picture houses have been constructed and licensed since last annual report: Apollo Theatre Hall, Boulevard Hall, Emmet Theatre Hall, Eagle Theatre, Eagle Theatre Hall, Eggleston, Puritan Theatre Hall, Scenic Temple, Superb Theatre Hall and Williams Ideal Theatre; and the Pekin, Savoy and Scenic Temple, Dorchester, have been discontinued.

WORK COMMENCED AND COMPLETED DURING THE PAST YEAR ON MOVING PICTURE HOUSES.

DREAMLAND:

1009 Washington street, reconstructed and enlarged.

ROXBURY:

2170 Washington street, undergoing alterations.

WISE HALL.

12 Poplar street, Roslindale, reseated and redecorated and name changed to Gem Theatre Hall.

**List of Licensed Public Halls holding over 400 People, and Their
Locations, Examined by this Department.**

NAME.	Location.
Armory Hall.....	16 Maverick square, East Boston.
Boston College Hall.....	James street.
Brunswick Hall.....	395 Blue Hill avenue.
Bloomfield Hall.....	1 Tonawanda street, Dorchester.
Bethesda Hall.....	409 Broadway, South Boston.
Berkeley Hall.....	4 Berkeley street.
Boston Schwaben Hall.....	194 Heath street, Roxbury.
Boston Arena Hall.....	238 St. Botolph street.
Boulevard Hall.....	695-697-699 Saratoga street, East Boston.
Congress Hall.....	358 Main street, Charlestown.
Casino Hall.....	133 Shawmut avenue.
Corinthian Hall.....	1651 Washington street.
Commonwealth Hall.....	52 Meridian street, East Boston.
Chipman Hall.....	76-88 Tremont street.
Catholic Union Hall.....	1682 Washington street.
Converse Hall.....	82 Tremont street.
Copley Hall.....	194 Clarendon street.
Dahlgren (Lower) Hall.....	307 E street, South Boston.
Dahlgren (Upper) Hall.....	307 E street, South Boston.
Eliot Hall.....	Eliot street, Jamaica Plain.
French's Hall.....	45 Fairmount avenue, Hyde Park.
Fenway Court Music Hall.....	Fenway Court.
Fauntleroy Hall.....	42 Wenona street, Roxbury.
Ford Hall.....	15 Ashburton place.
Franklin Union Hall.....	Appleton and Berkeley streets.
Faneuil Hall.....	Faneuil Hall square.
Federhen Hall.....	2 North Russell street.
German Workingmen's Hall.....	22-26 Amory street, Roxbury.
Henry B. Blackwell Hall.....	200 Huntington avenue.
Hyde Park High School Hall.....	Harvard avenue, corner Winthrop street.
Historic Hall.....	1651 Washington street.
Hibernian Hall.....	28 Union street, Charlestown.
Horticultural Hall.....	300 Massachusetts avenue.
Huntington Chambers Hall.....	30 Huntington avenue.
Howe Hall.....	177 Huntington avenue.
Highland Hall.....	1866 Centre street.

List of Licensed Public Halls holding over 400 People.—*Continued.*

NAME.	Location.
Intercolonial Hall.....	214-216 Dudley street, Roxbury.
International Hall.....	67 Warren street, Roxbury.
Investigator Hall.....	9 Appleton street.
Jubilee Hall.....	646 Warren street, Roxbury.
Jordan Hall.....	294 Huntington avenue.
Jacob Sleeper Hall.....	688 Boylston street.
Knights of Honor Hall.....	4255 Washington street, Roslindale.
Kingsley Hall.....	15 Ashburton place.
Kossuth Hall.....	1095 Tremont street.
Lorimer Hall.....	82 Tremont street.
Lyceum Hall.....	196-198 Sumner street, East Boston.
Magnolia Hall.....	5 East River street, Hyde Park.
Maynard Hall.....	243 D street, South Boston.
Mechanics Hall.....	111 Huntington avenue.
Minot Hall.....	68½ West Springfield street.
Monument Hall.....	Hancock square, Charlestown.
Nazareth Hall.....	737 East Third street, South Boston.
Navillus Hall, lower.....	256 Bowdoin street, Dorchester.
Otisfield Grand Hall.....	17-19 Otisfield street, Roxbury.
Odd Fellows Hall.....	515 Tremont street.
Parochial School Hall.....	328-354 Bunker Hill street, Charlestown.
Paul Revere Hall.....	111 Huntington avenue.
Parker Memorial Hall.....	53 Berkeley street.
Paine Memorial Hall.....	9 Appleton street.
Robert Emmet Hall.....	654 Centre street, Jamaica Plain.
Roughan Hall.....	16 City square, Charlestown.
Roddy Hall.....	50 Market street, Brighton.
St. Michael's Hall.....	609 Fourth street, South Boston.
Steinert Hall.....	162 Boylston street.
St. Alphonsus Hall.....	80 Smith street, Roxbury.
St. Mary's Hall.....	34 Cooper street.
St. Augustine's Hall.....	203-205 E street, South Boston.
St. Mary's Hall.....	Saratoga street, East Boston.
Symphony Hall.....	Massachusetts and Huntington avenues.
St. John's Hall.....	9 Moon street.
Tomfohrde Hall.....	91 Boylston street, Jamaica Plain.
Turn Hall.....	29 Middlesex street.
Tremont Auditorium.....	7 Northfield street.

List of Licensed Public Halls holding over 400 People.— *Concluded.*

NAME.	Location.
Union Hall.....	48 Boylston street.
Verdi Hall.....	29 Arlington street, Brighton.
Waverly Hall.....	61 River street, Hyde Park.
Wheelock Hall.....	558 Columbia road, Dorchester.
Wardroom, Ward 2.....	150 Maverick street, East Boston.
Warren Hall.....	337 Washington street, Brighton.
Wardroom, Ward 17.....	341 Dudley street, Roxbury.
Wardroom, Ward 9.....	1151 Washington street.
Whiton Hall.....	38 Centre street, Dorchester.

List of Licensed Public Halls where the Seating Capacity is less than 400 and their Locations.

NAME.	Location.
Anawan Hall.....	13 Anawan avenue, West Roxbury.
America Hall.....	724 Washington street.
Andrew Square Hall.....	504 Southampton street.
Appleton Hall.....	9 Appleton street.
Academy Hall.....	15 Leverett street.
Abotsford Hall.....	City square, Charlestown.
Braintree Hall.....	8 Braintree street, Brighton.
Brighthelmstone Hall.....	521 Cambridge street, Allston.
Bernice Hall.....	409 Broadway, South Boston.
Boylston Hall.....	276 Amory street, Jamaica Plain.
Booth's Hall.....	1036 Bennington street, East Boston.
Columbia Hall.....	584 Columbia road, Dorchester.
Commercial Hall.....	624 Washington street.
Conant Hall.....	20 Conant street, Roxbury.
Columbus Hall.....	Pearl and Pleasant streets, Dorchester.
Chinese Hall.....	36½ Harrison avenue.
Dexter Hall.....	987 Washington street.
Dudley Hall.....	2389 Washington street, Roxbury.
Faelten Hall.....	30 Huntington avenue.
Fitzedrick Hall.....	155 Capen street, Dorchester.
Fraternity Hall.....	27 Poplar street, Roslindale.
Franklin Hall.....	10 Franklin street, Allston.
Germania Hall.....	11 Granville street, West Roxbury.
Hotel Tuileries Hall.....	270 Commonwealth avenue.
Jamaica Hall.....	705 Centre street, Jamaica Plain.

**List of Licensed Public Halls where the Seating Capacity is less than
400.— *Concluded.***

NAME.	Location.
John A. Hawes Hall.....	150 Maverick street, East Boston.
Knights of Honor Hall.....	730 Washington street.
Knights of St. Rose Hall.....	17 Worcester street.
Ludin's St. Botolph Hall.....	42-44 St. Botolph street.
Longfellow Hall.....	214 Dudley street, Roxbury.
Love and Charity Hall.....	1043 Tremont street.
Lithgow Hall.....	618 Washington street, Dorchester.
Laurence Encampment Hall.....	724 Washington street.
Lincoln House Hall.....	70 Emerald street.
Mishawum Hall.....	11-13 City square, Charlestown.
Meridian Hall.....	163 Meridian street, East Boston.
Marionette Hall.....	307 North street.
Mount Bowdoin Hall.....	215 Washington avenue, Dorchester.
News Building Hall.....	68 Seaverns avenue.
Odd Fellows Hall.....	Depot square, Jamaica Plain.
Odd Fellows Hall.....	41 River street, Hyde Park.
Odd Fellows Hall.....	8 Warren street, Roxbury.
Odd Fellows Hall.....	10 Franklin street, Brighton.
Oakland Hall.....	521 River street, Mattapan.
Obert Bungalow.....	603 River street, Mattapan.
Putnam Hall.....	1165 Tremont street, Roxbury.
Pilgrim Hall.....	694 Washington street.
Pilgrim Hall.....	732 East Broadway, South Boston.
Phoenix Hall.....	724 Washington street.
Roxbury Neighborhood Hall.....	858 Albany street, Roxbury.
Red Men's Hall.....	514 Tremont street.
Society Hall.....	168 Massachusetts avenue.
Strickland Hall.....	1031 Washington street.
St. Omer Hall.....	376 Broadway, South Boston.
Thespian Hall.....	168 Massachusetts avenue.
Tonti Hall.....	327 E street, South Boston.
Temple Hall.....	521 Cambridge street, Allston.
Tremont Hall.....	1435 Tremont street.
Vernon Hall.....	1208 Tremont street.
Wheelock Banquet Hall.....	558 Columbia road, Dorchester.
Washington Hall.....	627 Washington street, Dorchester.
Well's Memorial Hall.....	987 Washington street.
Wardroom, Ward 19.....	Elmwood street, Roxbury.
Wardroom, Ward 24.....	615 Washington street, Dorchester.
Wolcott Hall.....	32 Central square, East Boston.

ELEVATOR DIVISION.

During the year there have been installed 4 steam freight, 10 hydraulic passenger, 8 hydraulic freight, 56 electric passenger, 80 electric freight, 10 hand elevators. Total, 168. Estimated cost of same, \$416,-475.

The number of accidents during the year on passenger elevators have been 18, fatal, 4; on freight elevators, 35, fatal, 7. Total, 53; fatal, 11.

There have been installed in this city 5,373 elevators and hoists and a detailed record of each is on file in this office. Of that number there are 1,672 passenger and 2,691 freight power elevators, 481 hand elevators and 529 hand hoists. An effort has been made to ascertain the number of passengers carried on passenger elevators in the city. There being no tickets or other method used to determine same, a count has been made of the number carried in elevators in some of the largest office buildings, mercantile houses and apartment hotels. In this way an estimate is arrived at for one elevator per day in department stores, 2,100; office buildings, 1,800; apartment hotels, 200. Assuming 500 as a fair average, there being 1,672 passenger elevators, we obtain a grand total of 150,480,000 passengers carried in a year. The passenger elevators are much better served than formerly. The law requiring the operator to be not less than eighteen years of age, if the speed is more than 100 feet per minute, has worked well. In most office buildings and mercantile houses the operators are between twenty-five and thirty years of age.

The installation is much better now than in the past. Since 1907, applications must be made and duplicate plans filed before a permit is granted, so that there is now plenty of room for inspection and repairs. Previous to that time, in many cases, economy of space and location only were considered. Electric elevators are rapidly taking the place of all other power elevators.

Elevators and Hoistways.

MONTHS.	Escalator.	Gas.	Steam Passenger.	Steam Freight.	Hydraulic Passenger.	Hydraulic Freight.	Electric Passenger.	Electric Freight.	Hand Hoist.	Hand Elevator.	Total Examinations.	Written Reports.	Letters Received and Acted Upon.	Complaints Made.	Complaints Closed.	Cost of Removing Complaints.
1911.																
February.....		1	.....	12	27	19	28	82	31	18	218	18	6	1	3	\$94
March.....		3	6	58	46	41	53	151	34	21	413	17	5	3	3	46
April.....		2	.....	10	16	15	18	78	55	30	224	19	6	9	8	209
May.....				24	55	23	47	85	19	18	265	12	9	7	5	50
June.....			2	44	42	14	34	105	33	27	301	4	7	7	8	58
July.....		1	2	31	42	40	70	130	32	24	372	12	4	3	2	59
August.....		3	4	29	36	18	73	74	33	19	289	15	5	2	4	46
September.....		3	5	30	34	15	47	113	19	23	289	19	6	6	3	15
October.....			4	33	52	41	91	164	25	16	426	12	9	9	6	37
November.....		1	5	55	65	46	49	114	54	44	433	8	10	6	9	111
December.....		4	.....	62	36	27	59	124	23	30	365	16	4	3	5	50
1912.																
January.....			3	50	64	36	62	122	38	28	403	16	7	4	5	37
Totals.....		18	31	438	515	335	625	1,342	396	298	3,998	168	78	60	61	\$812

Plumbing.

Table Showing by Months and Wards the Number of Permits Granted to Perform Plumbing.

WARDS.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	Totals.
1911.																											
February.....	7	5	3	4	1	18	28	7	2	3	10	4	3	5	1	2	5	4	7	26	2	5	19	16	7	....	194
March.....	20	11	4	1	2	26	28	7	7	10	12	8	8	6	5	6	3	3	8	21	4	7	32	29	11	....	279
April.....	12	11	10	6	1	27	24	10	6	8	16	8	9	11	10	15	7	10	2	40	17	12	41	36	17	....	366
May.....	18	14	4	7	3	38	32	10	12	14	27	8	14	10	11	9	5	13	8	43	14	9	49	36	12	....	420
June.....	15	13	6	1	1	22	21	15	9	8	33	14	6	11	17	12	6	7	14	32	17	14	51	43	25	....	413
July.....	7	10	3	7	4	23	21	10	5	10	42	10	7	1	7	1	3	4	5	37	7	23	51	31	23	....	352
August.....	19	12	3	5	3	14	25	15	6	20	34	13	7	9	13	3	5	10	4	28	16	29	66	45	24	....	428
September.....	7	17	5	3	2	20	19	7	7	10	39	8	3	9	6	11	7	4	4	30	8	9	34	34	19	....	322
October.....	31	15	....	2	5	13	30	8	5	14	21	11	4	8	6	7	3	5	8	25	9	14	38	26	24	....	332
November.....	11	7	7	4	7	23	30	13	7	12	23	5	5	2	3	15	8	7	3	35	14	4	36	34	28	....	343
December.....	18	19	2	2	2	17	31	7	10	9	9	11	7	9	6	5	2	11	21	35	11	4	41	42	18	....	349
1912.																											
January.....	17	10	....	....	4	13	23	6	10	12	9	1	5	3	3	7	5	1	2	40	4	6	27	28	18	....	254
Totals.....	182	144	47	42	35	254	312	115	86	130	275	101	78	84	88	93	59	79	86	392	123	136	485	400	226	....	4,052

NOTE.—Ward 26, formerly Hyde Park, annexed to Boston January 1, 1912.

Gas Fitting.

Table Showing by Months and Wards the Number of Permits Granted to Perform Gas Fitting.

WARDS.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	Totals.
1911.																											
February.....	12	12	5	4	.....	39	62	14	13	31	24	15	9	4	15	14	9	13	9	44	26	11	43	42	43	.....	513
March.....	13	21	19	5	5	35	68	12	21	32	27	28	9	18	9	22	14	12	14	103	19	19	77	52	40	.....	694
April.....	38	22	16	7	13	41	59	18	23	47	23	23	19	20	16	25	9	25	18	101	42	29	90	95	59	.....	878
May.....	35	31	32	22	14	38	30	17	29	54	50	33	22	34	23	39	18	21	37	165	63	53	129	123	73	.....	1,185
June.....	41	38	13	10	5	52	32	13	25	30	40	36	11	35	22	60	18	16	23	168	68	52	193	126	84	.....	1,211
July.....	22	38	1	3	5	23	17	12	29	24	51	25	16	18	19	22	14	25	34	146	58	65	142	104	64	.....	977
August.....	34	24	4	4	8	22	49	14	28	35	38	20	17	11	17	26	15	13	28	98	45	39	107	111	43	.....	850
September.....	22	33	3	4	2	32	42	10	11	29	38	28	17	16	16	20	10	9	22	65	33	35	77	81	71	.....	726
October.....	29	20	4	6	3	46	47	13	19	64	44	39	15	24	14	16	17	29	19	89	32	43	85	72	48	.....	837
November.....	29	37	5	2	2	38	57	20	30	65	59	24	10	19	11	23	11	20	26	77	42	41	66	75	36	.....	825
December.....	24	30	4	4	1	35	67	17	27	58	36	30	13	12	11	23	11	19	17	67	50	41	69	58	45	.....	769
1912.																											
January.....	16	20	1	5	1	32	64	15	51	37	27	21	6	17	3	14	8	25	8	57	18	19	57	54	29	20	625
Totals.....	315	326	107	76	59	433	594	175	306	506	457	322	164	228	176	304	154	227	255	1,180	496	447	1,135	993	635	20	10,090

NOTE.— Ward 26, formerly Hyde Park, annexed to Boston January 1, 1912.

GAS CASH ACCOUNT.

Dr.

Received for licenses of gas fitters from February 1, 1911, to February 1, 1912:

1911.	
February	\$0 50
March	3 00
April	2 50
May	2 50
June	2 00
July	—
August	2 00
September	3 00
October	—
November	50
December	50

1912.	
January	4 50
Total	<u>\$21 00</u>

The amount of \$21 has been turned over to the City Collector, and his receipt therefor has been received.

Number of master gas fitters licensed from February 1, 1911, to February 1, 1912	6
Number of journeymen gas fitters licensed from February 1, 1911, to February 1, 1912	18
Total	<u>24</u>

	Masters.	Journeymen.
February	—	1
March	1	2
April	1	1
May	1	1
June	—	4
July	—	—
August	1	—
September	1	2
October	—	—
November	—	1
December	—	1
January	1	5
Totals	<u>6</u>	<u>18</u>

REPORT OF BOARD OF EXAMINERS OF GAS FITTERS.

BOSTON, MASS., February 1, 1912.

ARTHUR G. EVERETT, ESQ.,

Building Commissioner:

DEAR SIR,— In compliance with chapter 265, Acts of 1897, the Board of Examiners of Gas Fitters herewith submit a report of proceedings of said Board from February 1, 1911, to February 1, 1912:

Number of applications for licenses referred by Building Commissioners to Board of Examiners	230
Number of examinations held	12
Number of applicants examined by Board	171
Masters	16
Journeymen	155
Number of applicants examined, certified by Board to Building Commissioner for license	25
Masters	6
Journeymen	19
Number of examination papers rejected, applicants not receiving requisite percentage	146
Masters	10
Journeymen	36

Respectfully submitted,

SAMUEL H. DURGIN,

ARTHUR G. EVERETT,

GEORGE W. COMERFORD,

Board of Examiners.

NOTE.— A special examination was held December 23, 1911, for Hyde Park gas fitters in order to give them the privilege of continuing their work when Hyde Park was legally annexed to Boston on January 1, 1912, and known as Ward 26.

EXISTING TENEMENT HOUSES.

Under the provisions of chapter 550 of the Acts of 1907 the inspection of existing tenement houses, with reference to light and air for apartments, etc., is placed in this department.

The method known as "house to house inspection" was adopted when, under the provisions of chapter 550 of the Acts of 1907, this department proceeded to inspect "Existing Tenement Houses."

This same course has been pursued during the past year and the inspectors detailed on this work have, during the year, covered Wards 1, 2, 3, 4, 5, part of Wards 6 and 8 and Wards 11, 13, 14 and 15, as well as making a large number of re-examinations in the districts previously covered.

Owing to the very limited force available for this duty it was deemed inadvisable to go into the minor detail of violations, as such a course would result in confining the work to a very limited area and the course pursued has been to send notices only in regard to what appeared to be substantial violations.

The result of this action has afforded an opportunity to correct many conditions that otherwise would not have been known to exist for a considerable time if no increase was made in the force available for this work.

Effort has been made to explain to owners and agents the benefits to be derived from compliance with the provisions of the law, rather than arousing antagonism by threats of legal procedure, which course has resulted in a better feeling on the part of those interested in property where changes are required to be made.

The result of what may be called a campaign of education is shown in the tables accompanying this report together with the number of existing tenement houses found to exist in the various wards covered.

Detail of Inspections, etc.

WARD.	Existing Tenement Houses.	Complete Inspection.	First Notices Served.	Re-examinations.	Closed (Change of Owners, etc.).	Completed.	Estimated Cost.
1	29	34	7	27	5	6	\$78
2	185	197	45	213	5	33	745
3	38	41	13	52	1	6	67
4	31	31	14	51	4	6	97
5	45	47	8	46	.....	6	75
6	851	35	20	379	12	50	1,263
7	297	2	.....	26	1	8	174
8	974	179	124	992	29	263	4,067
9	374	17	.....	18	.....	2	35
10	623	92	1	22	2	4	150
11	342	353	75	317	12	22	208
12	180	17	.....	9	.....	.....	.....
13	149	160	34	244	4	18	289
14	37	39	15	57	.....	10	142
15	17	18	5	27	.....	4	135
18	395	17	.....	7	.....	.....	.....
Totals.....	.....	1,279	361	2,485	70	438	\$7,525

Detail of Changes Required.

WARD.	Ventilation Water-closet Compartment.	Openings Party Wall.	Stairs Encumbered.	Balusters Broken.	Bakeries Protected.	Paint and Oil Sold.	Dark Rooms.	Skylight Ventilation.	Glass Panels.	More Water-closets.	Other Violations.
1	1	.....	.....	3	.....	5	4	2	3	.....	.....
2	5	.....	4	18	.....	22	19	17	22	2	19
3	3	.....	.....	.....	.....	3	8	.....	1	2	2
4	.....	.....	5	6	.....	2	5	4	12	.....	4
5	1	.....	1	1	1	1	2	3	5	.....	1
6	3	.....	12	9	.....	4	9	9	4	4	.....
8	9	7	73	68	1	21	39	32	82	9	22
11	.....	2	24	26	.....	19	.....	9	60	1	6
13	.....	.....	24	24	1	14	.....	5	23	2	4
14	.....	.....	.....	4	.....	4	.....	1	3	.....	1
15	.....	.....	.....	1	.....	3	.....	.....	3	.....	.....

FENCE VIEWERS.

February 1, 1912.

MR. A. G. EVERETT,
Building Commissioner:

DEAR SIR,— In accordance with your request we hereby submit our first annual report as fence viewers of the City of Boston.

Under date of May 3, 1911, we received notice from his Honor the Mayor that, under the provisions of chapter 76 of the Acts of 1911, he had designated us to serve as fence viewers of the City of Boston. In compliance with his notification we appeared before Assistant City Clerk W. J. Doyle on May 5, 1911, and were duly sworn.

Our procedure at first was to hold a hearing of the interested parties at the office of the Building Department, afterward viewing the premises, and later sending our decision to these parties, and at the same time filing a copy of it with the City Clerk, all as required by chapter 33, Revised Laws of 1902.

Finding that this routine consumed so much valuable time, not alone on our part but also on the part of the interested persons, we adopted the plan of holding our hearing at the time of making our examination of the premises, sending our decision in the same manner as above stated.

We have had twenty-two cases to consider, as follows: One in Boston proper, one in Charlestown, four in Dorchester, four in East Boston, six in Roxbury, two in South Boston and four in West Roxbury. There have been two, three or four parties to each of the cases in question.

We have collected in fees, and have turned over to the City Collector, holding his receipt therefor, \$49 in hand and \$42 through the City Law Department, \$6 of which should go to the credit of the Street Laying-Out Department. Bills for \$29 are now in the City Law Department for collection, according to chapter 33, Revised Laws of 1902, and one bill for \$5 is not yet due.

In one case it was necessary to secure the cooperation of a surveyor from the Street Laying-Out Department in order to determine the proper line of the fence, there being a dispute as to the property line.

In one case we were advised by the City Law Department that we had no jurisdiction.

We find that in almost all cases the dispute over the fence is trifling and of a secondary nature, and that the real trouble is a personal grievance between the disputants. We have endeavored to render a decision in each case in accordance with the merits thereof.

Many of the disputants have accepted our decisions, but have not taken any action such as we ordered. We are of the opinion that the existing law is not sufficient for the needs of a city the size of Boston, as many people are not sufficiently interested in maintaining fences about property which they own, but which is occupied wholly by tenants, and we should recommend that some legislation be enacted which would compel property owners to fence their improved property with a fence in keeping with the general run of fences in the neighborhood, after a complaint by an abutter and in accordance with an order from the fence viewers.

Respectfully submitted,

JOHN J. DUNIGAN,

WALTER L. CRONIN,

Fence Viewers.

**Report of Fires for the Year ending January 31, 1912, Wherein
the Construction of the Building was Affected.**

MONTHS.	BUILDINGS DAMAGED.								Examinations.	Estimated Amount of Damage.
	CAUSES.									
	Carelessness.	Defective Construction.	Electric Wires.	Incendiary.	Spontaneous Combustion.	Other Causes.	Total No. of Buildings Damaged.	No. of Buildings Totally Destroyed.		
1911.										
February.....	15	2	3	.....	1	29	50	1	50	\$39,135
March.....	12	1	.....	.....	2	27	42	4	42	30,270
April.....	4	.....	1	1	1	26	33	3	33	33,720
May.....	7	4	.....	5	.....	30	46	2	46	27,390
June.....	.....	2	.....	4	.....	18	24	2	24	13,855
July.....	2	.....	.....	3	5	39	49	3	49	45,919
August.....	6	1	.....	2	.....	16	25	2	25	31,375
September.....	4	.....	.....	1	.....	16	21	4	21	64,025
October.....	10	2	.....	4	1	11	28	.....	28	6,485
November.....	6	2	.....	.....	3	18	29	.....	29	21,560
December.....	10	1	1	2	1	18	33	3	33	19,535
1912.										
January.....	34	1	1	.....	1	30	67	1	67	153,105
Totals.....	110	16	6	22	15	278	447	25	447	\$486,374

The property of the department consists of its records, books, plans, typewriting machines, camera and automobile.

Estimated cost of removing violations of statutes and ordinances, \$22,201.

Estimated cost of removing or securing unsafe buildings and dangerous chimneys, \$20,197.

Two hundred thirty-three complaints have been referred to the Law Department during the year for legal action; 162 were for neglect to provide egress as required, 67 for violation of the building law and 4 for maintaining unsafe buildings after notice to secure or take down.

One hundred eighty-one complaints referred to Law Department have been closed, the cause for complaint being removed. Of these 94 were for egress not provided, 84 for violation of the building law, and 3 for maintaining unsafe buildings after notice to secure or take down.

Communications Received, Referred and Acted Upon.

1911.		February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	1912. January.	Total.
Public Works Depart- ment.	New streets.....	1	...	1	3	3	...	7	6	2	3	1	3	30
	Street numbering.....	36	53	68	79	78	53	52	49	57	52	54	47	678
Law Department.....		4	8	7	2	16	2	...	...	5	1	2	5	52
Subpoenas.....		...	...	6	2	3	...	1	...	3	1	3	7	26
City Council orders.....		1	2	2	2	1	...	...	1	1	...	...	...	10
Police Department.....		1	3	2	23	2	3	3	2	4	2	6	4	55
Miscellaneous letters.....		43	74	43	76	48	59	54	59	72	64	77	62	731
Bay window licenses, etc.....		2	3	5	5	3	1	1	...	4	2	2	1	29
Stable licenses.....		...	1	...	...	2	1	...	1	1	1	2	1	10
Relative to egress.....		5	41	27	35	19	18	18	14	16	33	25	23	274
Relative to elevators.....		6	5	6	9	7	4	5	6	9	10	4	7	78
Fire underwriters.....		2	...	...	1	...	...	...	...	...	...	...	...	3
Mayor.....		9	7	16	6	2	4	4	5	11	10	6	10	90
Civil Service Commission.....		2	2	3	4	7	1	6	...	4	5	...	3	37
Board of Appeal (decisions).....		5	7	8	5	...	7	9	3	5	5	6	5	65
Appeals.....		5	12	5	4	2	12	4	8	9	3	8	4	76
Board of Appeal.....		3	5	4	15	...	3	5	...	4	2	7	7	55
Fire Department.....		37	106	95	46	23	13	7	18	21	24	18	16	424
State Examiners of Plumbers.....		2	1	1	1	2	2	2	1	3	4	1	...	20
Board of Examination of Gas Fitters... ..		2	3	4	2	2	1	1	3	2	1	2	5	28
Public Works Department, grades, etc.. ..		...	2	2	...	...	...	...	...	...	...	...	...	4
Public Works Department, street cleaning.....		...	...	...	...	...	...	...	...	...	...	...	...	...
Schoolhouse Commission.....		1	...	1	2	...	...	...	...	1	1	1	1	8
Finance Commission.....		1	...	1	...	...	...	...	...	2	...	...	...	4
Gas examination applications.....		7	19	28	14	15	22	10	9	8	18	27	26	203
Totals.....		175	354	335	336	235	206	189	185	244	242	252	237	2,990
Concurrent action with Building Com- missioner, equivalent method of con- struction and maintenance.....		...	1	...	...	...	...	...	1	1	...	...	...	3
Noncurrent action of equivalent method of construction, etc.....		...	...	...	...	...	...	...	...	...	...	...	...	...
Approval of proposed egress in building exceeding 10,000 square feet area, etc.. ..		...	...	...	...	...	...	...	1	...	...	...	...	1
Request by letter for concurrent action on equivalent method of construction — withdrawn.....		...	...	...	...	...	...	...	...	...	...	...	...	...
Remonstrance against erecting boiler... ..		...	...	...	...	...	...	...	1	...	...	...	1	2

NOTE.—The decisions of Board of Appeal — 65 total — do not include the figures in the above footnote. There are five cases pending before said Board referred during year 1911, and two cases previous to 1911.

Statement giving Number of Employees in Department, together with Salaries, February 1, 1911, and January 31, 1912.

February 1, 1911.			January 31, 1912.		
	Number of Employees.	Salaries.		Number of Employees.	Salaries.
Commissioner.....	1	\$5,000 00	Commissioner.....	1	\$5,000 00
Clerk of department.....	1	2,500 00	Clerk of department.....	1	2,500 00
Building inspectors.....	19	32,600 00	Building inspectors.....	27	45,700 00
Plumbing inspectors.....	12	19,700 00	Plumbing inspectors.....	12	19,700 00
Gas fitting inspectors.....	10	15,500 00	Gas fitting inspectors.....	10	15,500 00
Elevator inspector.....	1	1,000 00	Elevator inspector.....	1	1,200 00
Clerks, constables <i>et al.</i>	16	18,800 00	Clerks, constables <i>et al.</i>	18	21,050 00
Totals.....	60	\$95,100 00	Totals.....	70	\$110,650 00

NOTE.— One clerk on leave of absence without pay.

Building inspectors assigned to Egress Division, eight; includes Supervisor of Egress.

Building inspectors assigned to Fence Viewing, two.

Building inspectors assigned to Elevator Division, three; includes Supervisor of Elevators, one elevator inspector.

Building inspectors assigned to Construction Division, fifteen; includes Supervisor of Plans and Supervisor of Construction, includes two Fence Viewers.

Plumbing inspectors assigned to Existing Tenement House Division, two.

Table Showing the Monthly Expenditures of the Department.

DRAFT.	Transfer.	Appropriations.	Monthly Draft.	Total Expenditures.	Unexpended Balance.
1911.					
February 1.....			\$4,972 10	\$4,972 10	\$108,027 90
March 1.....			8,016 49	12,988 59	100,011 41
April 1.....			8,107 28	21,095 87	91,904 13
May 1.....		\$113,000 00	9,324 95	30,420 82	82,579 18
June 1.....	\$1,600 00		9,192 55	39,613 37	74,986 63
July 1.....			9,181 81	48,795 18	65,804 82
August 1.....			10,045 57	58,840 75	55,759 25
September 1.....			9,203 72	68,044 47	46,555 53
October 1.....			9,855 85	77,900 32	36,699 68
November 1.....			9,218 35	87,118 67	27,481 33
December 1.....			9,584 85	96,703 52	17,896 48
1912.					
January 1.....			10,168 31	106,871 83	7,728 17
January 31 (weekly payments).....			3,811 14	110,682 97	3,917 03

Table Showing Yearly Estimates and Actual Expenditures, together with an Analysis of Same, and Income Covered into City Treasury.

	1900-1901.	1901-1902.	1902-1903.	1903-1904.	1904-1905.
Estimated expenditure.....					
Appropriation.....	\$101,986 00	\$109,050 00	\$109,050 00	\$116,450 00	\$113,020 00
Actual expenditure.....	*\$30,000 00	\$110,000 00	\$90,000 00	\$102,000 00	\$104,000 00
Surplus.....	95,304 73	102,599 03	99,102 07	101,650 65	102,683 68
Deficit.....	5,304 73	7,400 97	9,102 07	349 35	1,316 32
Analysis of Estimated Expenditure:					
Salaries of inspectors and chief clerk.....		\$75,500 00	\$75,500 00	\$80,400 00	\$98,720 00
Clerk hire.....		21,450 00	21,450 00	21,950 00	
Total salaries.....	\$89,886 00	\$96,950 00	\$96,950 00	\$102,350 00	\$98,720 00
Office expenses.....	12,100 00	12,100 00	12,100 00	14,100 00	* 14,300 00
Totals.....	\$101,986 00	\$109,050 00	\$109,050 00	\$116,450 00	\$113,020 00
Analysis of Actual Expenditure:					
Salaries of inspectors and chief clerk.....	\$72,457 63	\$73,247 20	\$70,090 00	\$71,247 72	\$72,470 47
Clerk hire.....	16,338 09	18,956 23	21,385 40	19,810 32	19,857 70
Total salaries.....	\$88,795 72	\$92,203 43	\$91,475 40	\$91,058 04	\$92,328 17
Office expenses.....	6,509 01	10,395 60	7,626 67	10,592 61	10,355 51
Totals.....	\$95,304 73	\$102,599 03	\$99,102 07	\$101,650 65	\$102,683 68
Income covered into City Treasury.....	562 50	384 50	101 50	767 87	212 51

* An additional appropriation of \$12,000 was made in July.

Table Showing Yearly Estimates and Actual Expenditures, together with an Analysis of Same, and Income Covered into City Treasury.—*Concluded.*

	1905-1906.	1906-1907.	1907-1908.	1908-1909.	1909-1910.	1910-1911.	1911-1912.
Estimated expenditure.....	\$104,220 00	\$105,720 00	\$116,280 00	\$122,000 00	\$110,150 00	\$104,730 00	\$105,955 00
Appropriation.....	\$104,000 00	\$100,000 00	\$110,000 00	\$100,000 00	\$105,000 00	\$103,000 00	\$113,000 00
Income credited to appropriation.....				39 55			
Actual expenditure.....	\$104,000 00	\$100,000 00	\$110,000 00	\$100,039 55	\$105,000 00	\$103,000 00	\$113,000 00
Surplus.....	\$99,810 18	\$107,566 44	\$116,555 00	\$101,731 23	\$98,216 39	\$101,487 69	\$110,682 97
Deficit.....	4,189 82				6,783 61	1,542 31	3,917 03
		7,566 44	6,555 00	1,691 68			
Analysis of Estimated Expenditure:							
Salaries of commissioner, inspectors, etc.....	\$92,520 00	\$94,020 00	\$103,780 00	\$108,320 00	\$102,300 00	\$96,400 00	\$98,200 00
Clerk hire.....							
Total salaries.....	\$92,520 00	\$94,020 00	\$103,780 00	\$108,320 00	\$102,300 00	\$96,400 00	\$98,200 00
Office expenses.....	11,700 00	11,700 00	12,500 00	13,680 00	7,850 00	8,330 00	7,755 00
Totals.....	\$104,220 00	\$105,720 00	\$116,280 00	\$122,000 00	\$110,150 00	\$104,730 00	\$105,955 00
Analysis of Actual Expenditure:							
Salaries of commissioner, inspectors, etc.....	\$72,420 05	\$76,581 93	\$82,809 44	\$71,771 77	\$70,352 18	\$70,778 90	\$83,845 40
Clerk hire.....	17,992 19	19,814 92	22,177 76	21,223 55	20,930 82	20,598 13	18,568 83
Total salaries.....	\$90,412 24	\$96,396 85	\$104,987 20	\$92,995 32	\$91,283 00	\$91,377 03	\$102,414 23
Office expenses.....	9,397 94	11,169 59	11,567 80	8,735 91	6,933 39	4,761 96 * 5,318 70	6,116 91 * 2,151 83
Totals.....	\$99,810 18	\$107,566 44	\$116,555 00	\$101,731 23	\$98,216 39	\$101,487 69	\$110,682 97
Income covered into City Treasury.....	326 00	1,171 40	518 75	505 75	480 50	† 87 00	21 00

* Automobile.

† The diminished income is due to transfer of plumbers' licenses to the state, chapter 536 of 1909.

Compilation and classification of completed brick and wood buildings, showing number and cost above land for the twenty-five years preceding 1910 and for the year 1910:

		<i>Banks.</i>		1910.	
Brick.....	8	\$1,563,000	—	—	
Wood.....	—	—	—	—	
Total.....	8	\$1,563,000			
		<i>Charitable Institutions.</i>			
Brick.....	10	\$554,000	—	—	
Wood.....	2	87,000	—	—	
Total.....	12	\$641,000			
		<i>Churches.</i>			
Brick.....	63	\$4,809,955	—	—	
Wood.....	52	618,000	1	\$12,000	
Total.....	115	\$5,427,955			
		<i>Clubhouses.</i>			
Brick.....	14	\$1,467,000	1	\$50,000	
Wood.....	17	168,100	—	—	
Total.....	31	\$1,635,100			
		<i>Colleges.</i>			
Brick.....	21	\$3,552,500	2	\$133,000	
Wood.....	1	36,500	—	—	
Total.....	22	\$3,589,000			
		<i>Dwellings.</i>			
Brick.....	4,686	\$44,796,347	130	\$887,700	
Wood.....	24,178	100,448,020	812	4,337,700	
Total.....	28,864	\$145,244,367			
		<i>Hospitals.</i>			
Brick.....	54	\$2,991,667	1	\$75,000	
Wood.....	9	117,400	—	—	
Total.....	63	\$3,109,067			
		<i>Hotels.</i>			
Brick.....	18	\$4,497,000	—	—	
Wood.....	—	—	—	—	
Total.....	18	\$4,497,000			
		<i>Manufacturing.</i>			
Brick.....	325	\$15,786,345	9	\$608,000	
Wood.....	165	1,017,350	4	12,700	
Total.....	490	\$16,803,695			
		<i>Mercantile.</i>			
Brick.....	362	\$16,288,425	8	\$1,101,500	
Wood.....	9	127,000	1	12,000	
Total.....	371	\$16,415,425			
		<i>Offices.</i>			
Brick.....	193	\$29,197,050	11	\$1,633,600	
Wood.....	5	29,000	6	8,650	
Total.....	198	\$29,226,050			
		<i>Public Buildings.</i>			
Brick.....	71	\$8,828,267	1	\$25,000	
Wood.....	18	430,181	—	—	
Total.....	89	\$9,258,448			

Public Halls.

Brick.....	7	\$720,500	1	1910.	\$50,000
Wood.....	15	121,600	—		—
Total.....	22	\$842,100			

Schools.

Brick.....	109	\$11,024,860	5		\$395,000
Wood.....	26	170,765	—		—
Total.....	135	\$11,195,625			

Tenement Houses.

Brick.....	1,758	\$36,357,647	70		\$948,000
Wood.....	5	49,000	20		207,500
Total.....	1,763	\$36,406,647			

Theatres.

Brick.....	9	\$1,998,000	3		\$930,000
Wood.....	—	—	—		—
Total.....	9	\$1,998,000			

Warehouses.

Brick.....	169	\$9,343,390	4		\$851,500
Wood.....	20	299,500	—		—
Total.....	189	\$9,642,890			

Grand total of all brick buildings.....	8,643	\$205,501,200
Total of brick buildings specified above.....	7,877	193,775,953

Balance not specified.....	766	\$11,725,247
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Grand total of all wood buildings.....	30,123	\$119,064,338
Total of wood buildings specified above.....	24,522	103,719,416

Balance not specified.....	5,601	\$15,344,922
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Total of totals, brick and wood buildings.....	38,766	\$324,565,538
Buildings above stated, brick and wood.....	32,399	297,495,369

Balance not specified.....	6,367	\$27,070,169
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Statement showing the material, number and estimated cost above the land of first and second class buildings completed during the year 1911, and upon which final reports have been rendered.

	Number.	Estimated Cost.
Brick buildings.....	220	\$6,210,550
Steel frame buildings.....	16	1,828,350
Concrete and reinforced concrete buildings.....	24	1,062,575
Terra cotta buildings.....	8	149,500
Stone buildings.....	3	46,000
Total.....	371	\$9,296,975

Statement showing the five leading purposes, number and estimated cost above the land of first and second class buildings completed during the year 1911, and upon which final reports have been rendered.

	Number.	Estimated Cost.
Tenement houses.....	85	\$1,373,500
Tenement houses and stores.....	18	287,500
	103	\$1,661,000
Bankbuildings.....	2	\$1,040,000
Schoolhouses.....	11	961,500
Office buildings.....	3	472,000
Apartment houses.....	7	455,000

Statement showing the five leading wards, number and estimated cost of completed first and second class buildings during the year 1911.

WARDS.	Number.	Estimated Cost.
13.....	13	\$2,031,000
7.....	6	1,586,100
10.....	20	1,282,400
19.....	15	538,950
11.....	14	537,200

Statement showing material purposes, number, estimated cost above land and five leading wards of completed third class buildings during the year 1911.

A.

	Number.	Estimated Cost.
Wooden buildings.....	1,059	\$4,950,403

B.

	Number.	Estimated Cost.
Dwellings	795	\$4,435,778
Dwellings and store	1	8,500
	796	\$4,444,278
Tenement houses	19	\$155,000
Stables	5	55,550
Garages	98	42,085
Mercantile	5	28,800

C.

WARDS.	Number.	Estimated Cost.
24	261	\$1,335,805
20	224	1,120,775
23	265	1,100,233
25	86	372,225
1	61	303,300

Statement showing the material, purpose, number, estimated cost and five leading wards of completed alterations during the year 1911.

A.

	Number.	Estimated Cost.
Brick buildings	1,097	\$3,830,524
Wooden buildings	1,069	693,494
Steel frame buildings	30	587,900
Stone buildings	13	51,500
Concrete and reinforced concrete buildings	11	15,900
Terra cotta buildings	3	5,350
Total	2,223	\$5,184,668

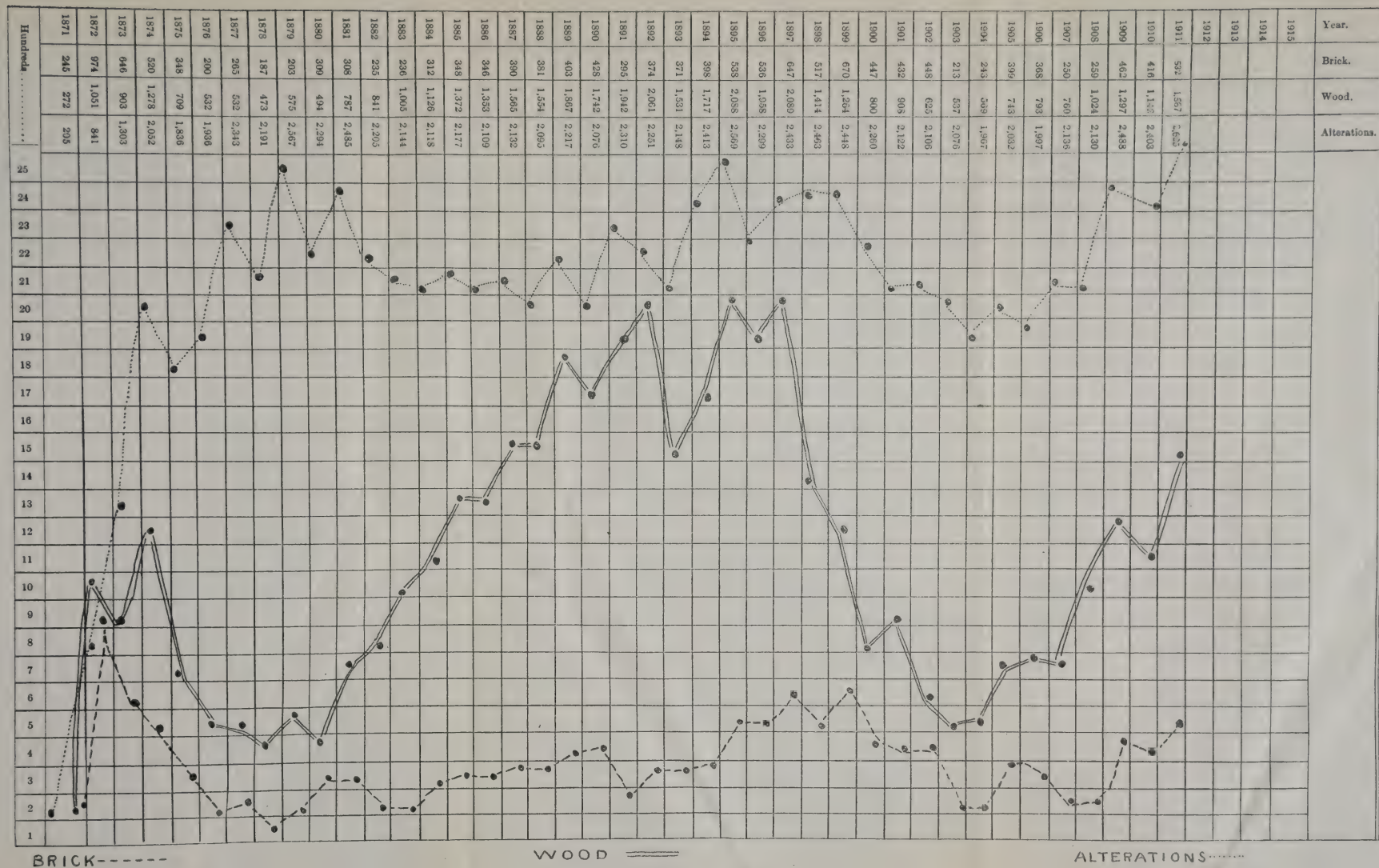
B.

	Number.	Estimated Cost.
Mercantile buildings.....	260	\$1,688,075
Dwellings.....	836	\$760,320
Dwellings and store.....	106	82,000
	942	\$842,320
Office buildings.....	143	\$821,275
Manufacturing buildings.....	121	422,335
Tenement houses.....	107	\$217,930
Tenement houses and store.....	55	101,055
	162	\$318,983

C.

WARDS.	Number.	Estimated Cost.
7.....	235	\$2,101,840
6.....	276	599,919
11.....	190	506,995
10.....	87	243,600
12.....	31	203,955

Table Showing Number of Permits Granted for Brick Buildings, Wooden Buildings and Alterations.



Number of Brick Buildings, Wooden Buildings and Alterations Completed, and Final Reports Rendered.

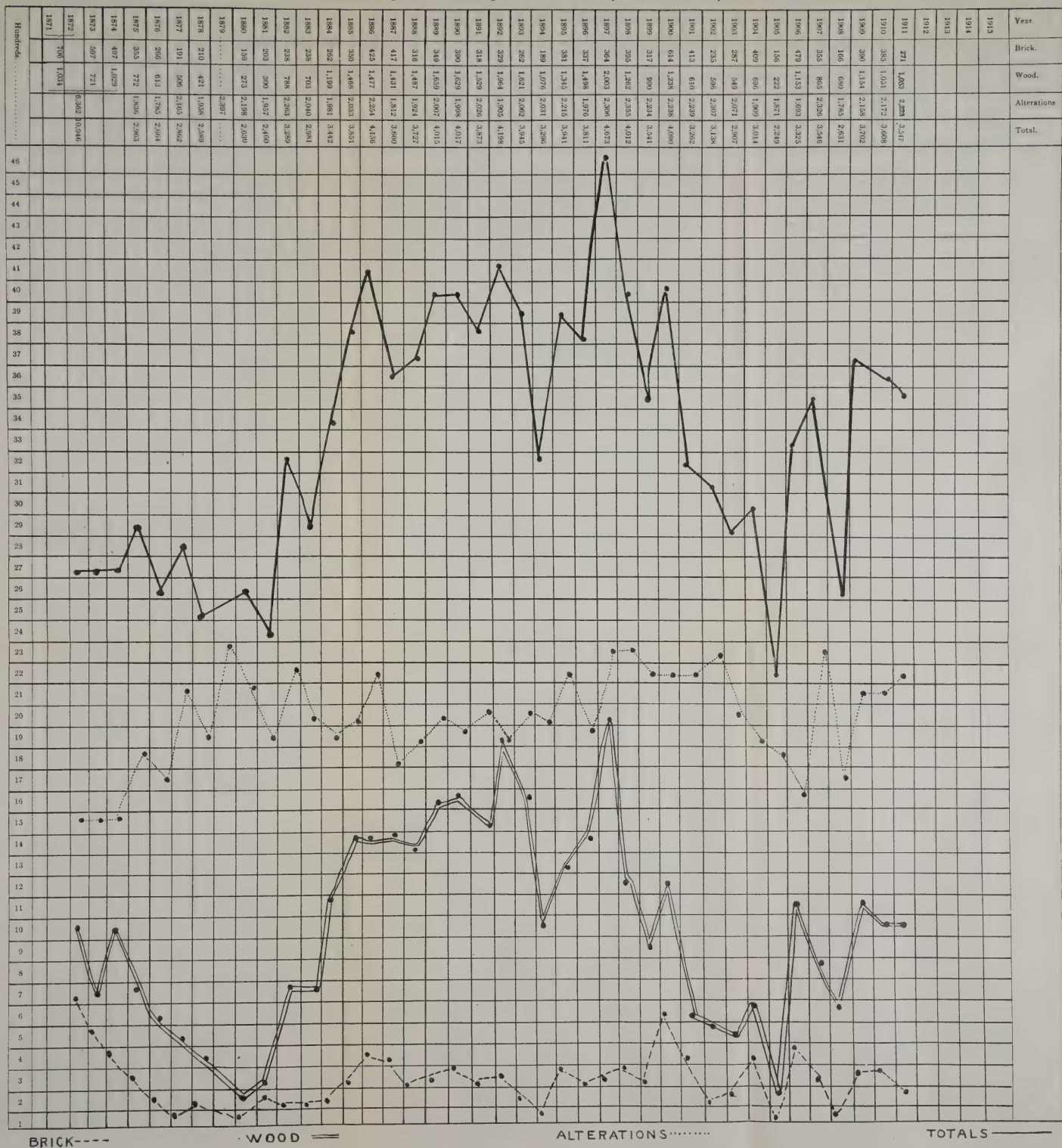




Table Showing Estimated Cost of Completed Brick and Wooden Buildings and Alterations on which Final Reports have been Rendered.

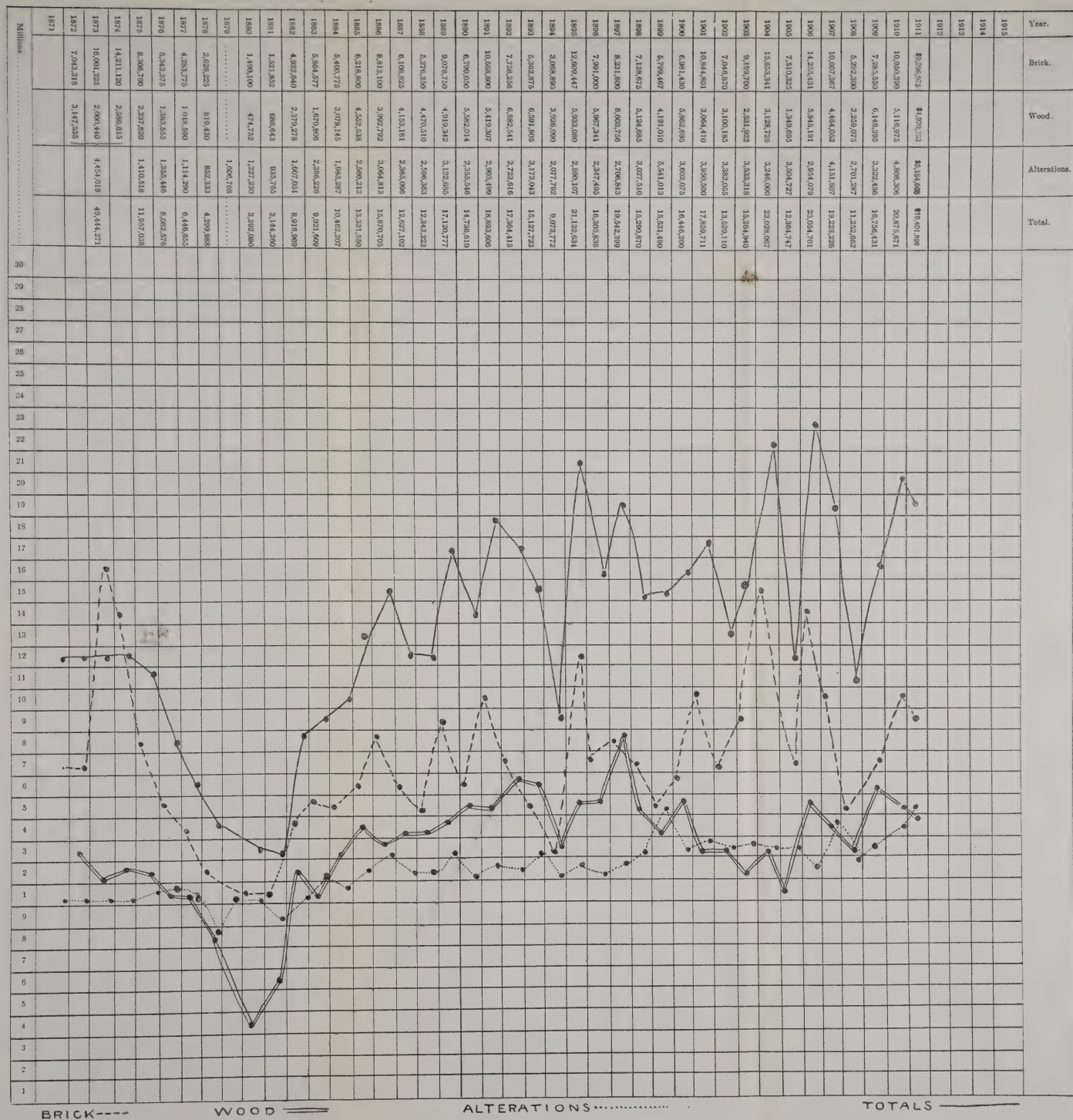
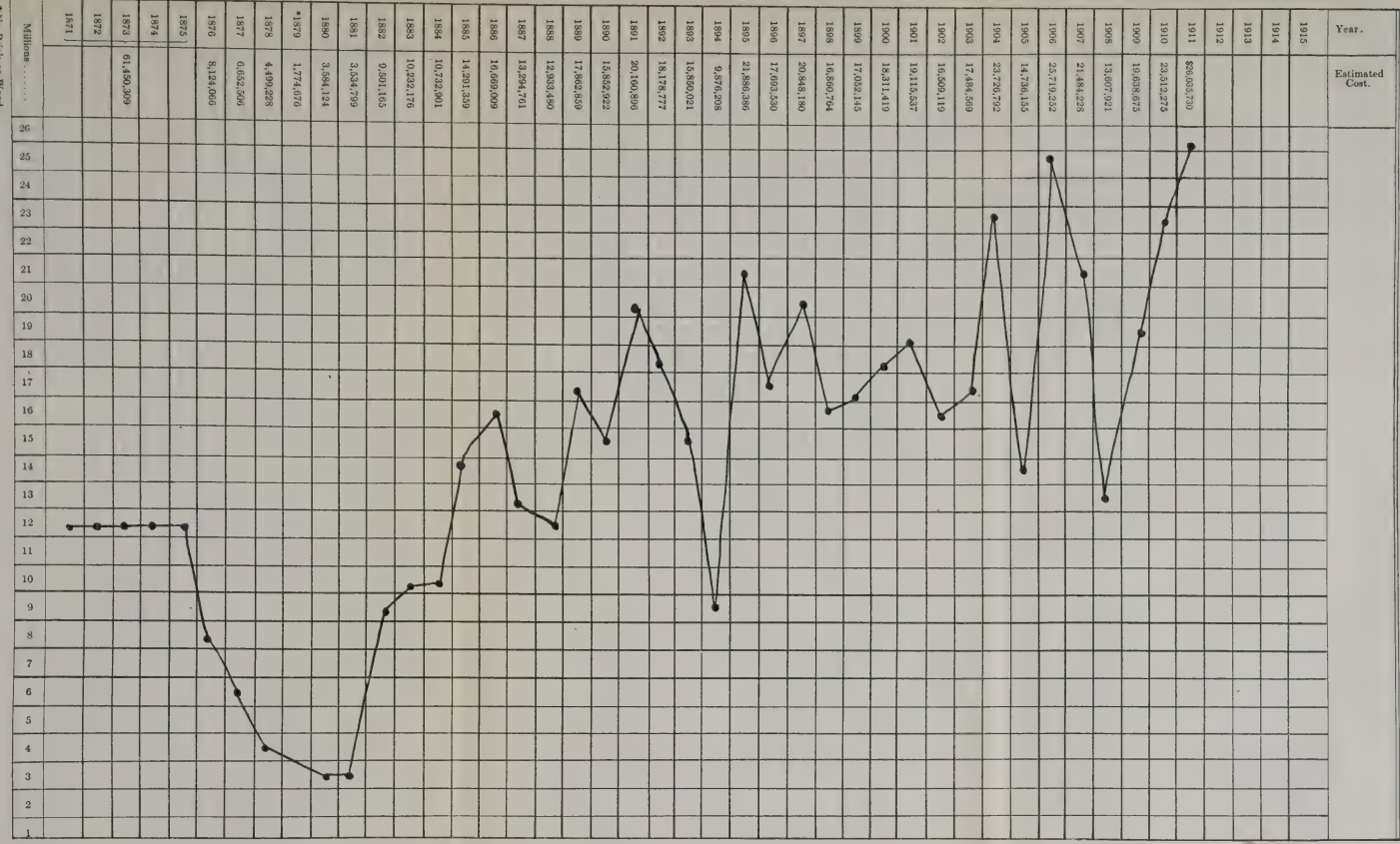




Table Showing the Estimated Cost of Completed Brick and Wooden Buildings, Alterations, etc., Plumbing, Boilers, etc., Gas Fitting, Additional Egress (Yearly Increase of Taxable Values).



* No Brick or Wood

Table Showing by Wards the Material, Number and Estimated Cost of New Buildings and Alterations Completed and upon which Final Reports have been Rendered During the Year 1911.

Statistics and Information Completed and upon which Final Reports have been rendered during the Year 1911.																																		
WARDS.	BRICK BUILDINGS.		STONE BUILDINGS.		CONCRETE AND REINFORCED CONCRETE BUILDINGS.		STEEL FRAME BUILDINGS.		TERRA COTTA BUILDINGS.		OTHER FIRE RESISTING BUILDINGS.		TOTAL.		ALTERATIONS, ETC., BRICK BUILDINGS.		ALTERATIONS, ETC., STONE BUILDINGS.		ALTERATIONS, ETC., OF CONCRETE AND REINFORCED CONCRETE BUILDINGS.		ALTERATIONS, ETC., STEEL FRAME BUILDINGS.		ALTERATIONS, ETC., OF TERRA COTTA BUILDINGS.		ALTERATIONS, ETC., OF OTHER FIRE RESISTING BUILDINGS.		TOTAL.		WOODEN BUILDINGS.		ALTERATIONS, ETC., OF WOODEN BUILDINGS.		GRAND TOTALS.	
	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.
1	4	\$53,000			1	\$1,500			1	\$12,000			6	\$66,500	6	\$68,825											6	\$68,825	61	\$303,300	95	\$54,885	168	\$193,510
2	20	214,500			1	75							21	214,575	23	38,950											23	38,950	8	10,725	84	58,325	136	322,575
3	1	375,000			1	15,000	1	\$42,000					3	432,000	11	43,550											11	43,550	6	5,950	18	8,610	38	490,110
4	1	500											1	500	14	59,300											14	59,300	8	18,350	37	32,215	60	110,385
5															4	1,175											4	1,175	6	4,605	20	16,064	30	21,844
6	16	233,500					2	2,000					13	235,500	238	541,609	8	\$19,000			5	\$31,500	1	\$1,500		252	593,609	3	41,100	24	6,310	292	876,519	
7	1	125,000					4	1,460,100	1	1,000			6	1,586,100	210	1,509,965	4	30,500									227	2,095,740			8	6,100	241	3,687,910
8	12	169,000					1	150					13	169,150	100	131,275			2	\$750							102	132,025			21	4,910	139	306,085
9	2	90,000					1	60,000					3	150,000	52	94,480											52	94,480	2	825	10	5,400	67	250,705
10	16	980,000			3	302,000	1	400					20	1,282,400	83	186,800			1	500	3	56,300					87	243,600	1	25			108	1,526,025
11	12	362,200			2	175,000							14	537,200	161	486,095	1	2,000	4	8,700	3	7,600					169	504,395	1	300	21	2,600	205	1,044,495
12	13	157,000											13	157,000	25	183,620					1	20,000					26	203,620			5	335	44	360,955
13	9	1,555,000			4	476,000							13	2,031,000	34	168,200											34	168,200	2	7,200	33	10,035	82	2,216,435
14	1	75,000			1	900							2	75,900	14	18,850											14	18,850	6	17,950	47	18,675	69	131,375
15	1	8,000											1	8,000	5	30,000											5	30,000	1	8,500	30	8,835	37	55,335
16	3	64,000			1	60,000	1	290					5	124,290	9	2,420											9	2,420	54	295,470	27	21,015	95	443,105
17	2	12,000			2	22,800							4	34,800	8	4,500			1	700	1	1,000					10	6,200	12	21,125	33	14,095	59	76,220
18	2	86,500											2	86,500	19	16,100											19	16,100			24	14,125	45	116,725
19	7	242,250			1	500	3	260,200	4	36,000			15	538,950	16	65,050			1	50	1	3,500	1	150			19	68,750	3	5,400	30	15,000	67	628,100
20	38	312,250			1	500			1	500			40	313,250	27	21,310											27	21,310	224	1,120,775	89	73,375	380	1,528,710
21	20	276,750			2	4,700	1	3,000					23	284,450	7	6,750											7	6,750	25	147,550	39	39,130	94	477,880
22	4	143,500											4	143,500	5	27,500											5	27,500	24	132,990	52	32,600	85	336,590
23	8	88,500			2	2,900	1	300					11	71,700	5	12,050					1	1,200					6	13,250	265	1,100,233	134	90,270	416	1,295,453
24	10	209,500	1	\$5,000									11	214,500	10	14,800			1	2,200	1	25					12	17,025	261	1,335,805	128	103,435	412	1,670,765
25	22	377,600	2	41,000	2	700			1	100,000			27	519,300	11	7,350			1	3,000	1	1,500	1	3,700			14	15,550	86	372,225	60	57,190	187	994,225
Totals	220	\$6,210,350	3	\$46,000	24	\$1,062,375	10	\$1,823,350	8	\$149,300			271	\$9,296,975	1,097	\$3,830,524	13	\$51,500	11	\$15,900	30	\$587,900	3	\$5,350			1,154	\$4,491,174	1,059	\$4,950,404	1,969	\$693,494	3,553	\$19,432,046

Table Showing the Purposes, Number and Estimated Cost Above the Land, by Wards, of Completed First and Second Class Buildings upon which Final Reports have been Rendered During the Year 1911.

CLASSIFICATION.	WARD 1.	WARD 2.	WARD 3.	WARD 4.	WARD 5.	WARD 6.	WARD 7.	WARD 8.	WARD 9.	WARD 10.	WARD 11.	WARD 12.	WARD 13.	WARD 14.	WARD 15.	WARD 16.	WARD 17.	WARD 18.	WARD 19.	WARD 20.	WARD 21.	WARD 22.	WARD 23.	WARD 24.	WARD 25.	TOTALS.																									
	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.	Number. Estimated Cost.																										
Apartment houses										6	\$355,000														1	\$100,000	7	\$455,000																							
Apartment houses and stores																																																			
Banks						1	\$40,000	1	\$1,000,000																		2	1,040,000																							
Churches																							1	\$4,500			1	4,500																							
Colleges																																																			
Dwellings	2	\$7,500								1	20,000								1	\$7,000	16	\$79,500	3	\$15,000		3	36,000	1	\$7,000	12	112,500	39	284,500																		
Dwellings and stores																				2	9,500	1	5,500		2	14,000			5	29,000																					
Foundries																																																			
Garages						1	5,000			3	52,400	1	\$100,000	1	\$16,000					5	24,250	5	9,950		2	1,800		3	1,000	22	210,600																				
Hotels																																																			
Hospitals																			1	30,000						1	60,000	2	90,000																						
Lodging houses																																																			
Lodging houses and stores																																																			
Moving picture houses						1	15,000	1	125,000	1	\$20,000															1	7,000	8	393,000																						
Mercantile buildings						1	32,000				3	220,000								1	6,000						1	7,000	8	393,000																					
Manufacturing buildings										1	\$40,000				1	\$75,000		1	\$22,000	1	\$11,500	1	45,000			3	135,000			9	369,500																				
Office buildings	1	12,000					2	460,000																			3	472,000																							
Public buildings		1	\$75,000							1	60,000												1	\$30,000		1	25,000			4	191,000																				
Public halls										1	250,000																2	275,000																							
Railway stations	1	34,000																									1	34,000																							
Schoolhouses									1	50,000	2	300,000						1	43,000		1	75,000	3	350,000	1	28,500	1	65,000		1	50,000	11	961,500																		
Stables	1	3,000																									1	3,000																							
Tenement houses	1	10,000	17	111,500				3	39,000		6	300,000	7	202,000	10	102,000																																			
Tenement houses and stores		1	13,000				7	141,500		7	108,000			2	15,000																																				
Theatres																																																			
Miscellaneous		2	15,075	3	\$432,000	1	\$300		2	2,000	2	1,100	2	2,150		1	5,000	1	200	1	14,000	13	\$2,031,000	1	900	1	\$8,000	2	67,000	2	2,800			4	60,950	1	1,500	1	1,000	3	113,500	2	27,400	3	17,500	2	5,800	50	2,818,575		
Totals	6	\$66,500	21	\$214,573	3	\$432,000	1	\$300		13	\$235,500	6	\$1,550,100	13	\$169,150	3	\$150,000	20	\$1,282,400	14	\$537,200	13	\$157,000	13	\$2,031,000	2	\$75,900	1	\$8,000	5	\$124,200	4	\$34,800	2	\$86,500	15	\$338,950	40	\$413,250	23	\$284,450	4	\$144,500	11	\$91,700	11	\$214,500	27	\$519,300	271	\$9,296,945

Table Showing the Purposes, Number and Estimated Cost Above the Land, by Wards, of Completed Third Class Buildings upon which Final Reports have been Rendered During the Year 1911.

CLASSIFICATION.	WARD 1.		WARD 2.		WARD 3.		WARD 4.		WARD 5.		WARD 6.		WARD 7.		WARD 8.		WARD 9.		WARD 10.		WARD 11.		WARD 12.		WARD 13.		WARD 14.		WARD 15.		WARD 16.		WARD 17.		WARD 18.		WARD 19.		WARD 20.		WARD 21.		WARD 22.		WARD 23.		WARD 24.		WARD 25.		TOTALS.	
	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.	Number.	Estimated Cost.						
Apartment houses																																																				
Apartment houses and stores																																																				
Banks																																																				
Churches																																																				
Colleges																																																				
Dwellings	49	\$288,300	1	\$5,300						1	\$40,000																																									
Dwellings and stores																																																				
Foundries																																																				
Garages	3	550	1	175	1	\$150	1	\$150	2	\$1,150																																										
Hotels																																																				
Hospitals																																																				
Lodging houses																																																				
Lodging houses and stores																																																				
Moving picture houses																																																				
Mercantile buildings																																																				
Manufacturing buildings																																																				
Office buildings																																																				
Public buildings																																																				
Public halls																																																				
Railway stations																																																				
Schoolhouses																																																				
Stables	1	200																																																		
Tenement houses																																																				
Tenement houses and stores																																																				
Miscellaneous	8	14,250	6	5,050	5	5,800	5	13,700	4	3,455	2	1,100																																								
Totals	61	\$303,300	8	\$10,725	6	\$5,950	8	\$18,350	6	\$4,605	3	\$41,100																																								

Table Showing the Purposes, Number and Estimated Cost, by Wards, of Completed Alterations, Additions, etc., upon which Final Reports have been Rendered During the Year 1911.

[illegible]

SUMMARY OF ACCIDENTS, ETC.

ASPHYXIATION BY GAS.

On the morning of February 14, at the Revere House, one John Hannon, employed as a porter, was found dead in bed, and gas escaping from the open burner of the only bracket the room possessed. An examination disclosed the key to gas fixture to be in fair condition. The test gauge showed a pressure of $1\frac{1}{4}$ inches, and that 9 cubic feet of gas would pass through the burner in an hour. Whether the death of said Hannon was by accident or intent could not be determined.

ELEVATOR ACCIDENT.

At 2 Commonwealth avenue, on the morning of the 15th, Mary E. Toomey, who occupied an apartment on the top story, was found in the hallway of said story, suffering from an injury. The accident is accounted for only on the theory that the woman's shoe heel caught between the landing and the elevator platform, as the heel was found on the elevator platform after the accident. The elevator was examined and found in good condition.

ELEVATOR ACCIDENT.

About 8.45 p. m., February 21, a fatal accident occurred at 42 Chandler street, corner Berkeley street. The elevator was found in good condition in every respect. The injured person in some manner fell from second story to the bottom of the elevator well; presumably he lost his balance, but as no one witnessed the accident the circumstances are not known.

GAS ASPHYXIATION.

On the 10th of February an examination was made of the gas fixtures at premises 294 Hanover street, to ascertain their condition and if the death and asphyxiation of the night before was due to defects in them. They were found in good condition. It was evident

that the calamity was due to ignorance or carelessness and that the dead man had turned the gas on after he had turned it off, or he left the gas lighted and it was blown out while he slept.

ELEVATOR ACCIDENT.

About 9.45 a. m., on February 10, a man fell down the elevator well from third floor to basement at Wait & Bond's cigar factory, 67 Endicott street, and died within an hour. The elevator was found in good working order and the accident was not caused by any defect therein.

GAS ASPHYXIATION.

Upon a report of an accident at premises 556 Columbus avenue, an examination was made by this department and it was found that the gas fixtures were in good condition and the accident was not from any defect in them. Accident occurred February 8, 1911.

ELEVATOR ACCIDENT.

On February 2, from some unknown cause, one James P. Kennealy, a night fireman at the power house of Harvard Medical College, on Longwood avenue, was killed. The night engineer found him wedged in between the car platform and the arch of the fireroom. The elevator and machinery were found in good condition.

ELEVATOR ACCIDENT.

About 1.30 p. m., on January 26, an accident occurred at 287-293 Congress street. It was reported in the following manner: One Allen Mann, employed as porter by E. Adams & Co., on the fourth floor, while riding on the elevator, was struck on the head by a part of the counterweight strap, which became unfastened from the crosshead in consequence of the counterweight being caught up, which, when released, dropped and broke the yoke that held the cable to the crosshead. The elevator is now undergoing repairs.

ELEVATOR ACCIDENT.

About 12.45 on March 29, one Daniel Griffin was killed by falling down the elevator shaft from fourth floor to basement, at premises 100 Kingston street.

The elevator, machinery and gates at elevator shaft were found at the time of examination, March 30, to be in good working order.

ELEVATOR ACCIDENT.

At the Adams House, on the 29th of March, about 2.20 p. m., one of the passenger elevators dropped a distance of 16 feet. No one was injured. An examination disclosed a broken 4-inch cast-iron flange through which one of the piston rods traveled and a broken piston rod, which allowed the car to swing out of the guide rails sufficient to render the safety catches inoperative. The break in the flange appeared to be an old one. Repairs are being made at the time of this report.

FALLING CEILING.

On March 18 this department made an examination of one of the buildings on Harrison avenue, City Hospital, to ascertain the cause of a ceiling falling. It was found that the ceiling of a room, about 40 feet by 50 feet, was suspended, hung to I-beams, forming the support of terra-cotta arches above. Hangers were made of $\frac{5}{16}$ -inch by $\frac{3}{4}$ -inch channel irons, with clamp or hook attachment of like material, in two parts, attached to the rod of hanger by $\frac{1}{4}$ -inch stove bolts at the upper end. The lower end had hole drilled or punched and was fastened to bar iron of $\frac{1}{4}$ inch by 2 inches by stove bolts. The bar iron which formed the supporting parts for the $\frac{5}{16}$ -inch by $\frac{3}{4}$ -inch channels was punched to allow the channel irons to pass through same, 12-inch distant from each other. To the framing thus formed, wire lathing was attached, being sewed to channels and hooked to same by wire and hooks, 4 inches, 5 inches and 6 inches distant from each other. To the wire lathing the plaster coats were applied. The ceiling fell by reason of the failure of hangers at rear of the room; the hooks formed on hangers were found broken in nearly every instance. No one was injured.

ELEVATOR ACCIDENT.

On the 14th of March, about nine o'clock in the morning, Bernard Fried, a lad of sixteen, was injured on the elevator on premises 611 Washington street. It was stated that the boy attempted to get on the elevator while it was going up. He fell and was caught

between the overhead frame of the doors and the platform of the car. The elevator is an electric freight one and was found in good condition.

ELEVATOR ACCIDENT.

A fatal accident occurred at 501 Washington street on the morning of March 10, at ten o'clock. It was ascertained that the elevator operator had carried a carpenter to the ninth floor and while waiting his return stepped into the corridor. He noticed the elevator descending, and while making an effort to stop the car was caught between the top of car and the floor of the corridor, ninth story, crushing his skull. When the accident occurred the lever was out of the clutches and on the downward side. A careful examination of the elevator and machinery failed to disclose any defect.

ELEVATOR ACCIDENT.

On April 13, about 5 p. m., owing to the cables of the freight elevator breaking, an employee in the building, 243 South street and 68 Utica street, was slightly injured and the car badly damaged.

ELEVATOR ACCIDENT.

On Tuesday, April 11, at 4.15 p. m., at 615 Washington street, while the passenger elevator was descending, the operator failed to put the lever in neutral at first floor level, and the car slid to the basement, breaking three of the operating sheaves. No one was injured.

ACCIDENT.

On the 19th instant an accident occurred at 269 Tremont street in the following manner: An employee of the Brewer Elevator Company stepped on the staging in the wellway, which was under construction, and a part of which was covered with canvas. The boards were loose, and tipping, threw him over. He fell down the well, a distance of forty feet, receiving painful though not dangerous injuries.

ELEVATOR ACCIDENT.

The freight elevator at 271 Franklin street and 73 Batterymarch street was considerably damaged by

some one placing an ash can on the car in such a way that it projected over the edge of the platform and was caught by striking the header of the fourth story doorway when it ascended. No one was injured.

ELEVATOR ACCIDENT.

On the evening of April 27, about 6.30 o'clock, the passenger elevator in the apartment house 7 Willow street, Ward 11, dropped to the basement, about sixteen feet. No one was injured. The cable on the anchor side of the cylinder broke. The cables sliding over the drum and sheaves allowed it to settle gradually.

ELEVATOR ACCIDENT.

At 244 Washington street, on May 29, about 3 p. m., the operator was found pinned between the cross beam and the counter weight in the pit. He was probably caught while going from one pit to the other, there being two elevator wells. He was seriously injured. No damage to car.

ELEVATOR ACCIDENT.

Henry Grubor, employed by the Crown Shoe Company, on the fifth floor of building 221 High street, lost his life by falling down the elevator well to the street floor, his body striking the gate on this floor and breaking it. The cause of his falling is on the supposition that he was leaning over the gate on the fifth floor looking down the well and he lost his balance. No one saw the accident occur. The elevator, machinery, etc., was found in good condition.

ELEVATOR ACCIDENT.

One of the scrub women at building 161 Devonshire street was injured about 3.30 a. m., May 17, on No. 1 elevator. In company with other women she was waiting in the hall to go up on the elevator. The night watchman told the women to keep off the car until he had tested the power. In some manner this woman's foot got onto the car so that she was thrown backward to the floor when the watchman threw the lever over and started the car up. No injury to the car. The woman sustained scalp wounds and bruises.

BURSTING OF WATER HYDRANT.

At the request of the Water Department an examination was made of building 6 Emerson street, South Boston, to see if any damage to it had taken place by reason of the water hydrant in street which burst and caused the cellar to become flooded. No damage to building or personal property was found. Examination made May 18, 1911.

ELEVATOR ACCIDENT.

On May 3, about noon, at 19-25 Sudbury street, the freight elevator fell from second floor to the basement. No one was injured. The cables stripping through the beveled socket of the cross-head tackle was the cause of the accident. The elevator was immediately put in condition and safety tested by this department. It worked satisfactorily.

ELEVATOR ACCIDENT.

At 125 Milk street on the morning of May 3, about 10.30 o'clock, one Charles Forward, engaged in painting the elevator grille at sixth story, was standing on a step ladder when the car stopped at the sixth floor; he leaned over the car for some purpose and was caught between the top of the car and the ceiling when the car started up. He sustained injuries to his head and chest. No damage to elevator.

ELEVATOR ACCIDENT.

Shortly after noon on May 10 an employee of the George E. Keith Shoe Company, manufacturers of shoes at 35 Wormwood street, was injured by being caught between the car platform and the door header of the elevator at street landing. The elevator and machinery were found in good condition except the portion cut to release the injured man.

ELEVATOR ACCIDENT.

An employee at the White garage on Newbury street, just before one o'clock on June 8, started the elevator up from the street and without stopping the car left it at the fourth floor. The car continued until it went up into the overhead sheaves, breaking two car cables. The safeties operated and caught the car. No injury to anyone.

ELEVATOR ACCIDENT.

The safety device of the outside freight elevator at building 21-25 West First street failed to operate, allowing the car to fall to the ground, thereby seriously injuring two employees of the occupants who were using the elevator to carry up goods. The elevator was later put in good condition.

ELEVATOR ACCIDENT.

The freight elevator car at 853 Albany street, loaded with flour, about 2,000 pounds, when nearing the fourth floor in its upward passage, suddenly stopped and fell to basement. This accident was occasioned by the breaking of the spring socket to which is attached the draw bolt and the failure of the safety device to operate. One Mr. Evans sustained a compound fracture of the right leg.

COLLAPSE OF PIAZZA.

June 19 an examination of the building 44 Stanwood street was made by this department in consequence of a portion of the rear piazza having collapsed. The collapse was due to the decayed condition of a 4-inch by 4-inch floor beam forming a girt from brick wall to a 6-inch by 6-inch post. Mrs. Sandler and her son were hanging out clothing and both were injured somewhat.

ELEVATOR ACCIDENT.

About noon on the 28th of June a peculiar accident occurred at 23-25 Commercial street. It appears on investigation that at the time of the accident the elevator was being used to carry a load of eight barrels of flour. When the car arrived at the second floor level the operator shifted the shipper rope, but the brake did not hold and the loaded car fell to the bottom of the pit. The stop jumped the counterweight, parting the cable about three inches from the socket. The counterweight dropped to the bottom, damaging the refrigerating pipes in the basement. The car and load were not damaged. No one was injured.

ELEVATOR ACCIDENT.

On the morning of July 14, about 9.30 o'clock, while the elevator car at 73-75 South Market street was on an upward trip, the chain connecting the controller with

the machine came off the sheaves; as there was no device to shut off the power or reverse the car when it reached the top floor, it was drawn up to the timbers and held there until the belt connecting the motor and the machine ran off the pulley. Repairs have been made and the car and machinery put in good order.

ELEVATOR ACCIDENT.

The accident to the elevator at 82-84 Washington street, resulting in the injury of one man, was not occasioned by any defect in the car or machinery but by the method of loading and operating. About 1.30 p. m., on July 28, an employee attempted to carry a number of small trucks down from the top floor; at the third floor one of the trucks caught on side of well; the power must have been reversed in lieu of stopping the car and it ascended. The truck held to side of well. The platform of car was pulled away from the posts and the car and load fell to the bottom of the well.

ELEVATOR ACCIDENT.

Carl H. Dolan, a sixteen year old boy who had for about two months been employed at 294 Washington street, was seriously injured about 10 a. m. Saturday, July 29, by being caught underneath the counterweight of elevator No. 3. He had gone into the pit to oil the idler on the machine without notifying the operator. The car was started up and when the weight came down Dolan was pinned by the legs until the engineer could throw in the slack cable switch, releasing the safety device, allowing the car to descend and lifting the counterweights. The elevator was not damaged.

ELEVATOR ACCIDENT.

Saturday, August 5, about 11.30 a. m., owing to flaws on the inside rim of sheave of elevator at 206-208 Lincoln street, said sheave broke, a piece striking one Cohen, injuring him slightly.

ELEVATOR ACCIDENT.

August 26, at 11.30 a. m., the elevator in building 24 North street, while nearing the top story, going up, started to descend suddenly. The automatic stop

failed to operate, stripping the cables at the front of anchorage, the cables unwinding from the sheaves. The car was loaded heavily and the accident resulted in Mr. Bennett, who was on the car, receiving severe injuries.

ELEVATOR ACCIDENT.

At 387 Washington street, on Monday evening, August 28, about seven o'clock, a fatal accident occurred. The elevator was found in good condition at the time of examination on August 30 next following. The body was found by the night watchman in the bottom of the well. Indications pointed to the injured man having fallen from the third story. Just how the accident occurred is unknown.

ELEVATOR ACCIDENT.

On August 4, about 12.45 p. m., in building 49 Washington Street North, an employee, about twenty-one years old, while engaged in disconnecting the hoisting cables from the yoke at crosshead of the car (the car being at the basement floor), thoughtlessly drew the bolt holding the counterweight rope in the clevis, thereby releasing that rope, which instantly flew up, carrying the said employee, who grasped the rope. At the third floor level he let go his hold and fell to basement. He was fortunately not seriously injured, and no damage to the car or machinery was incurred.

ELEVATOR ACCIDENT.

While the elevator car of building 12 North Market street was standing at street level on August 2, about one o'clock, the counterweight suddenly fell to the bottom of the well, burying itself in the concrete. The counterweight rope stripped through the socket. No damage to car or machinery and no person was injured.

ELEVATOR ACCIDENT.

In consequence of one of the cables breaking by being thrown from the drum, the elevator car at 254 Tremont street, while descending from the sixth floor, suddenly dropped, the fall being partially arrested by the safeties at the fourth floor. The safeties lost the clutch and failed to hold the car at this point. There

was no injury to car or any person. A new cable was installed at once and the car was put in operation before noon. The accident occurred shortly after nine o'clock on the morning of September 21.

ELEVATOR ACCIDENT.

Owing to a defect in the draw bolt, to which is attached the hoisting tackle as well as the counterbalance tackle, an accident occurred to the elevator at 2A Park street on September 22, about 9.20 a. m. While the car was operating and near the fourth story level it suddenly dropped, crushing through the platform at the bottom of the well and through the basement ceiling. The janitor, who was operating the car, sustained a compound fracture of both legs.

ELEVATOR ACCIDENT.

Thursday noon, September 21, when the operator of elevator No. 2 at 620 Atlantic avenue stopped his car at the street floor, the hoisting cable parted at the end near the machine and the car dropped to the bumpers 3 feet below. No one was injured nor was the car injured. New cables have been put on and the elevator is in good condition.

ELEVATOR ACCIDENT.

The accident which occurred on the 26th instant at 3 p. m. was not occasioned by any fault or defect in the elevator car or machinery. In some manner an employee at 31 Farnsworth street got his leg caught between the car platform and the floor timbers of the third floor. Before he could be released the platform was cut away. He sustained bruises and lacerations.

ELEVATOR ACCIDENT.

On September 23, at 2.15 p. m., at 611 Washington street, an accident similar to the above occurred. It is stated by the injured party that he was at the third floor and started the car up from below. He did not stop it when it reached him, but jumped on while it was ascending. His foot slipped and his leg was caught between the platform and the overhead frame of the door. He was bruised but not otherwise injured.

ELEVATOR ACCIDENT.

An accident occurred at 85 South street, September 12, as follows: A skid slipped from car platform and a large roll of leather started from same, striking a Mr. Harmon Eisther, injuring him. The car or machinery were not affected.

ELEVATOR ACCIDENT.

At the Crawford House on October 31, about 12.25 p. m., a fatal accident occurred. It appears on investigation that the elevator, which is a combination passenger and freight, was being used to carry down laundry from top floor. Owing to the number of laundry bundles the car was crowded and the injured man was obliged to stand near the door to operate the car. For some reason the dead man reversed the car and was thereby decapitated between the elevator door and platform. At the time of the accident the car was found in good condition.

ELEVATOR ACCIDENT.

November 1, about 2.30 p. m., one Dinan was injured by attempting to start the elevator car at street landing in building 124 Summer street, by reaching in over the platform of the car which at the time was some three feet above the first floor level. He pulled the wrong rope and in lieu of descending it ascended, catching him by the head. The elevator was in good order.

ELEVATOR ACCIDENT.

The cable of the elevator at 139 Blackstone street, while the car was descending, parted and the car fell to the bottom of the well, the safeties failing to operate. A Mr. Shaw, who was on the car, had his leg broken. The accident occurred about 1 p. m. on the 29th instant.

ELEVATOR ACCIDENT.

A Miss Lane was injured on December 4, at 27 Chardon street, about 9.30 in the morning, by falling from the second floor to the bottom of the elevator well, striking the gate at the street floor in her fall. The elevator gates at the time of examination did not operate satisfactorily. The car and machinery were found in good order.

ELEVATOR ACCIDENT.

At 209 Commercial street, on the morning of December 20, about 10.30 o'clock, the car of elevator No. 2 was loaded with some three tons of material in cases. The car had ascended but a few feet after starting when the shoes caught in the guide rail and the pull of the machine broke the crosshead and severed the connection between car and cables. The car dropped to the basement, fifteen feet below. An employee on the car at the time received some bruises but was not injured seriously. The ropes and machinery were not injured.

ELEVATOR ACCIDENT.

At 80-82 Fulton street on the afternoon of December 26, while the car with two barrels on it was standing at the street floor, some one above pulled the shipper rope and started the car upward. The start tipped over one of the barrels and it was caught between the floor of the car and the top of the opening. The car was stripped out but no one was injured.

ELEVATOR ACCIDENT.

The porter of building 119-125 Milk street was found fatally injured about 5.40 a. m. on December 20 by the janitor of the building. How the accident occurred is not known. The car or machinery was not damaged.

ELEVATOR ACCIDENT.

Some time after midnight, probably near 1 a. m., December 9, the porter of the Revere House had taken some guests up in the car and at the third floor left the car and showed the guests to their room. He probably neglected to shut off the power completely, for the car continued upward slowly. Supposing the car was as he had left it, on reaching the well he opened the door and stepped in, falling to the well bottom, about forty feet. He died shortly afterward. The elevator was on inspection found in good condition.

ELEVATOR ACCIDENT.

On December 13, at 8.15 a. m., in building 120 Fulton street, while at the fifth story engaged with

others in hoisting a machine attached to the bottom of the car, John J. Grundy lost his balance in reaching out to pull the machine onto the floor, and fell to the bottom of the well. Probably he was killed instantly.

ELEVATOR ACCIDENT.

About 3.15 p. m., December 19, one Martin King, a teamster, was found dead, crushed between the hatch cover and the ceiling of the elevator at 262 Washington street. No one witnessed the accident, and the circumstances can only be surmised.

ELEVATOR ACCIDENT.

About 5.15 p. m. on December 29, 1911, one Charles Wilkins of 372 Dorchester avenue was found in the well way of elevator at 87 Summer street. The cause of the accident is unaccounted for at this writing. The elevator was found in good condition. The injury is reported to be serious and may prove fatal.

FALLING CHIMNEY.

The high wind of December 28, 1911, caused a chimney on the Maverick House, East Boston, to blow down. In or near the center of the building is a light well and beneath a skylight at second floor level is a rotunda occupied by office counter, desk, cigar case, etc. The chimney fell through this skylight but injured no one and did but slight damage.

ELEVATOR ACCIDENT.

January 3, 1912, at 6.30 p. m., 177-179 Fulton street, when the elevator car (loaded) reached the bottom of the well, the back drum counterweight rope parted at the eyelet and the counterweight dropped into the pit. No damage, except as stated, was done. A permit to repair was given by this department.

ELEVATOR ACCIDENT.

This accident was occasioned, so it is reported, by one Daniel McCann, a teamster, backing into the pit of the elevator at 4 Bath street. The elevator was found in good condition. McCann states that he came down on the car to put a case on from his team and while at his

team the car was taken away and he was injured as above stated. Accident occurred about 4.30 p. m. December 1, 1911.

FIRE DAMAGE.

On January 9, 1912, shortly after noon, a fire broke out in basement of building 91-93 Federal street, occupied by Globe-Wernicke Company for storage, and before being put out damaged the building about \$20,000. The fire was confined to the basement and first story, although smoke damaged other portions of the building, but the construction was not affected. The smoke spread by means of well holes, of stairways and elevator and quickly filled the corridors and upper stories. This condition drove the occupants in top stories to make a hasty escape as best they could. The egress consists of two stairways from first to top floor of fire resistory construction, inclosed in brick walls, openings into same being provided with fireproof doors; one exit leads to Sullivan place. The main stairway leads to Federal street. There is also a fire escape on the rear, through a brick wall opening thence to Devonshire street. The building is of second class construction, mill framing; the front of building was lathed and plastered ceiling. The walls were plumb and straight and not damaged by the fire. No lives were lost and no one injured.

ELEVATOR ACCIDENT.

About 10.45 a. m. on January 16 a fatal accident occurred at 14 Sears street. It seems that the man killed in some unaccountable manner fell from the cross-head of the elevator car on which he was standing, probably losing his balance. The elevator was found in satisfactory condition.

BUILDING ACCIDENT.

About 12.45 p. m., January 19, 1912, a portion of the veneer (4-inch brickwork), 8 feet by 14 feet, dropped out from exterior wall of two-story wooden building 22 River street, Ward 11. No injury was done to any person and the building was not rendered unsafe by said accident.

ELEVATOR ACCIDENT.

On January 31, 1912, about 8.30 a. m., at 55 Tremont street, Mr. L. G. Goddard, an employee, while working in the pent house of one of the elevators cleaning the drum, the car suddenly was started and his arm was caught between the drum and cables, tearing it above the elbow. The elevator was examined and found in a satisfactory condition.

FIRE AT 12 TRURO STREET.

The building was burned on the morning of March 18, 1911, and four lives were lost. The building is of brick, with 12-inch walls, heated by a furnace located in the basement. A small elevator (3 feet 8 inches by 4 feet 5 inches) extended from the basement to fourth floor and was the means of the rapid spread of flames and smoke. The building contained but one stairway leading from front doorway to fourth floor. The walls of the building were not damaged but the several floors and roof were burned at a loss of \$7,000.

Judge Ely, sitting on the inquest, found as follows:

That the said Roseland M. Wharton came to her death at said City of Boston on the eighteenth day of March in the year of our Lord one thousand nine hundred and eleven, in consequence of a fire which destroyed the interior of tenement house, No. 12 Truro street, in said City of Boston. An alarm of fire was given at two minutes after twelve o'clock in the morning of said eighteenth day of March. The fire department responded promptly. John T. Byran, District Chief, arrived at the fire in four minutes after the alarm was given. He found the fire in the basement and coming out of the fourth-story window. At seven minutes after twelve o'clock he gave a second alarm, shortly after that an explosion occurred which spread the flames all over the building. The district chief immediately ordered a third alarm, which was given at eleven minutes after twelve o'clock. Ten engines responded to these alarms and nine of them played water on the fire. The fire was practically out at three o'clock. John C. Caldwell, who with his wife occupied the second floor of this house, was the janitor of the building. He is a porter for the New York, New Haven & Hartford Railroad Company. Mrs. Caldwell is a maid at Young's Hotel; she arrived home on the night of the fire at a quarter before twelve o'clock and Mr. Caldwell arrived about five minutes later.

After Mr. Caldwell had been in his tenement about five

minutes he smelt smoke, and going outside his apartment he found smoke very strong in the hall and seemingly over the whole house. Calling to his wife to follow him he rushed out of the house and when he reached the street he saw the fire burning at the top of the building. Police officer, Joseph A. Sullivan, after investigating a case at No. 17 Yarmouth street, left that house at just twelve o'clock by his watch. As he came up Harwich street he saw the basement of No. 12 Truro street lighted up. He ran to it and saw the fire and smoke and immediately caused the alarm to be given. He then ran into the house and up one flight of stairs, where the smoke was so dense that he could not go farther, but he assisted in getting the occupants out. This tenement house fronts upon Truro street and is bounded on one side by a passageway and on the other by the side wall of the next house, and on the rear by vacant land. It is a building approximately 30 feet front by 50 feet deep and 55 feet high. The side walls approach each other as they run back from Truro street, leaving a very narrow wall at the rear. It has four stories with a basement. The exterior walls are 12 inches thick and built of brick; the roof a flat tar and gravel roof. The roof of the adjoining house is flat, but it is 15 feet below the roof of this tenement house. The basement of this tenement house contains a furnace used for heating the halls and bathrooms. It and its appliances appear to have been in good condition, and although a coal fire was burning in it on the night of the fire, it had no connection with said fire. In this basement were four closets for fuel and four other closets for storage of other articles. These closets were ranged along the side of said basement next to passageway. A dumb waiter extended from said basement to the fourth story. It was built of wood and its dimensions were 4 feet and 5 inches by 3 feet and 8 inches. There was an outside door in the rear wall of this basement and a door opening upon the roof.

The first story or street floor had one outside door and no more, that was the front door opening into Truro street. This door also opened into the front hall, which is 21 feet and 4 inches long and 8 feet and 2 inches wide. This hall contained the only flight of stairs, running from the first to the second floors. The staircase was about 4 feet wide; a fairly wide staircase. On each floor above the first was an interior entry 4 feet wide, all directly over the front hall on the first floor. All the flights of stairs were straight and one directly over another. A person entering at the front door would find the first flight of stairs directly before him and ascending to the second story would pass around and through said interior entry to the foot of the next flight and pursue a like course till he arrived at the fourth floor. Said dumb waiter ran up in the rear of it in close proximity to the heads of these several flights of stairs. This house was not provided with a fire escape and had no means of egress except as before stated. There

were six or seven rooms and a bathroom on each floor. Each floor constituted a separate tenement and all four were occupied by tenants at the time of the fire. All tenants and occupants of the first, second and third floors escaped safely. The tenants of the fourth floor were William B. Wharton, with his wife, Roseland M. Wharton, and his son, Clifton R. Wharton, his daughter, Euola Wharton, Mrs. Mary Kelly and her daughter, Priscilla Kelly, and others were occupants on this floor at the time of this fire. All escaped except said Roseland M. Wharton, Euola Wharton, Mary Kelly and Priscilla Kelly. The cause of the death of said Roseland Wharton and Euola was burns. The cause of the death of said Mary Kelly and Priscilla Kelly was asphyxiation by smoke. The manner in which the fire originated is unknown; there is no evidence that it was intentionally or criminally set.

It is reasonably clear that it started in one of the closets intended for storage in the basement. This closet was not used by a tenant and contained rubbish only. It was located near to said dumb waiter to which the fire quickly spread and was carried up through said dumb waiter to said fourth floor, filling the house with smoke and burning more fiercely in the upper stories. This tenement house was built about twenty-five years ago. The present owner is Cornelius Buckley, who purchased it about four years ago. I do not find that the unlawful act of any other person contributed to the death of said Roseland M. Wharton.

FIRE AT 10 WILLARD STREET.

As the result of an examination with reference to means of egress in case of fire, made on September 28, 1911, a requisition was immediately issued for more egress, which was provided and finished on December 29, 1911. The fire escape is on the rear of the building and leads from the fourth floor to roof of one-story shed, and then by stairs to the yard. The stairway in the building leads from street level to pent house on roof. The fire probably originated in the wooden shed at the rear of the basement, and extended through an open door to main house and then up through the stair well to the top story. The upper floors were considerably damaged.

Chief Justice Bolster reports the result of the inquest as follows:

That the said parties all came to their death at said City of Boston on the sixteenth day of January in the year of our Lord one thousand nine hundred and twelve, in consequence of a conflagration in the house 10 Willard street, Boston. This building was an old four-story brick building, owned by

one Frank Skalla, occupied as a tenement house. The basement was occupied for the storage of fruit by one Pucci. Connected with the basement, and extending into the rear yard, was a one-story wooden shed. The fire originated either in the basement or the adjoining shed, and the only assignable cause for the same is a fire which was maintained in the basement in a stove for the purpose of preventing the freezing of the goods there stored. The fire had been lighted on the previous day by Pucci, and he had at about 6 p. m., on the day of the conflagration, visited same for the purpose of replenishing the fuel in the stove. The fire did not occur until nearly ten o'clock in the evening. This building had been shortly before the fire equipped with fire escape in consequence of repeated demands between September 28 and December 29 made upon the owner by the Building Department. The fire escape was finally completed shortly before December 29, and approved by the department. It was apparently adequate, unless it be for the fact that the lower end terminated upon the roof of the one-story shed, a method of construction which may be open to question, but as the roof of that shed was not consumed by the fire, this defect, if it be one, was not a contributing cause of the death. It appears that Patrick Minneugh was a lodger upon the fourth floor of the building, Girolamo Asaro and Rosilie, his wife, were tenants of the third floor of the building. The fire originated in the basement or shed, rapidly worked its way up through the stairway, preventing escape by that means, and caused an extensive conflagration on the upper floors. It appeared that Asaro and his wife reached the fire escape and instead of going down to the foot of it, and thereby making their escape, as some other tenants of the house did, they went up to the fourth floor and then again entered the building, being overcome by smoke shortly after. There is no evidence in the case to warrant a finding that the death of the deceased parties was caused by any unlawful act of other persons; their situation being apparently consistent with pure accident.

COLLAPSE OF BUILDING, 457 HANOVER STREET, CORNER BATTERY STREET.

On October 10, 1911, between five and ten minutes after noon, a section of the front wall on Hanover street, 20 feet wide, and on Battery street 17 feet wide, collapsed, caused by the failure of the masonry pier at the corner, on which rested the iron column that supported the walls above. This pier was of triangular shape, built between the outside face of the old foundation that supported the original building on one side and the earth bank on the other two sides.

The pier was built about August 15, between visits made by the inspector (it being only a day's job), and when seen by him was completed and had a large cap stone on top to receive plate. When the inspector visited the premises on August 28 the cast-iron column had been set and the contractor was setting the steel beams to carry the brick walls above. From this time on brickwork was carried on until about the 15th of September, when the front walls were completed, showing that the load was sustained for about three weeks before the collapse. On October 13 the pier was uncovered and it was found that the plate, which was 16 inches square by 1 inch thick, had been broken into five pieces, and that the iron column had gone down through the plate, through the masonry below, to the depth of about 4 feet. It was found that the granite block which originally capped the pier had been removed and brickwork had been substituted. This brickwork was about 28 inches square and 12 inches thick, laid without any apparent bond. Beneath the brick pier was a stone foundation, laid with the large stones outside and the inside filled with small stones, the whole being laid up with very inferior mortar which had never thoroughly set. The presence of unslaked lime in the mortar taken from the pier was evidence that it had not been properly made and was slow setting. There was also evidence of considerable moisture in and around the pier, caused by the heavy rains just previous to the collapse, which caused the already poor mortar to be valueless and unable to support the weight above.

As a result of the collapse, besides the falling of the front brick walls, the first story brick piers and foundations adjoining the corner column were strained and crushed by the suddenly applied load. This necessitated the shoring up of the building and the rebuilding of the foundations and piers. A new concrete pier 5 feet by 6 feet has been built for the corner column.

Chief Justice Wilfred Bolster on February 14, 1912, filed the following: "No inquest, but was inquired into by the grand jury. They returned a no bill. I find for that reason no further inquiry is necessary and it appearing that proper inquiry was made in this case to wit, that the case against Richard Rowe, who was alleged to be responsible for the death of the within-named deceased, was presented to the Superior Court

grand jury at the November sitting last, and by the grand jury a no bill was returned. I repeat for that reason no further inquiry is necessary."

ACCIDENT.

During the gale of December 28, 1911, a chimney on building 70 Beacon street, corner River street, was blown down and in falling it fell on the roof of the ell, breaking a number of slates and part of the roof boarding. Some of the bricks slid down to the sidewalk and struck two pedestrians, slightly injuring them.

ACCIDENT.

In consequence of the gale above referred to four buildings, two on Bennington street and two on Saratoga street, East Boston, were damaged. There were four buildings on each street, contiguous, in process of erection. The structures were of wood frame, on piling and concrete footings. The westerly house on each street was partly boarded in but the rafters were not set. The buildings were located so as to receive the full force of the gale. The openings in the cellar and side walls gave opportunity for great wind pressure with a lifting tendency. The buildings were lifted from their underpinnings and carried sideways. The cellar walls on the easterly side were destroyed; the frame structures dropped into the cellars and against the adjoining houses, destroying parts of the underpinning of these buildings and pushing their framework over. The front cellar walls of the buildings on Saratoga street were not built, leaving the cellar open to the force of the wind.

In the opinion of this department the accident was not the result of poor material or improper construction, but the force of the strong gale which was blowing all that day. Had the walls been boarded and the openings closed the wind would not have obtained such a leverage and the accident would not have occurred.

REVERE HOUSE FIRE, BOWDOIN SQUARE.

About 1.30 a. m., Tuesday, January 16, 1912, a fire was discovered in the rear of the hotel adjoining the building occupied by the National Lancers. So rapid was its spread that within a very short time the flames had extended to the roof and upper story and were

bursting through the windows of same. The hotel guests were aroused by the firemen, policemen and others. All escaped but three women employees, who were overcome by smoke and suffocated before they could escape.

The spread of the fire was exceedingly rapid owing to the age of the wooden material of construction, and to the form of construction, to wit, no fire stops at floors and ceilings, giving the flames opportunity to race from floor to floor and along the ceilings of each story. The roof and upper story of the wings on either side of the area in center, and the whole rear portion, was destroyed. The whole building was damaged by smoke and water. The egress consisted of three stairways in the front of the building and two stairways in the rear; a balcony fire escape around the entire area or inner court, with stairway to roof, so escape could be made to roof of the Lancers' Armory and also Hotel Sherwood and thence to Hotel Bowdoin, reaching the street through the stairways of said buildings; also a fire escape on the rear passageway side which leads to Bowdoin street.

The two rear stairways were destroyed and a portion of the fire escape on inner court next to rear and where the stairs leading to roof were located. The fire escape on the rear passageway leading from the third, fourth and fifth stories by stairway to roof of Lancers' Armory remains intact. The central stairway front led from office to monitor roof. The stairway adjoining the ladies' parlor, commencing at street level on Cambridge street, led to fifth or top floor.

The stairway entered from the Bulfinch street side led to the fourth floor. Each of these main stairways remain intact. The fire undoubtedly caught in the kitchen and was fed by the inflammable materials, grease, fat, etc., kept in hotel kitchens. It seems beyond question that the fire was burning some time before it was discovered and an alarm given, as it had gained such great headway on the arrival of the Fire Department. The building was provided with twelve 14-inch fire gongs and thirteen stations operated by electricity, with switch in a case under each gong and one in the office. Each switch operated all the gongs. Red lights were placed at the proper locations on each story to direct way to stairs; about one hundred water buckets were distributed throughout the house. The building was heated by steam and many of the rooms were provided with open grates. A night watchman was on duty and

a night clerk also. A watchman's clock registers each station once an hour. The building conformed to the requirements of law as to egress, red lights, gongs, watchman, etc.

This building was of second-class construction and as heretofore noted was not provided with fire stops in walls, partitions, floors and stairways, its erection antedating the Building Department.

The stairways and fire escapes were successfully used by the occupants in making their exit that morning and many acts of cool judgment and bravery were displayed. The smoke was so dense on the upper floor that it was impossible during the first stages of the fire to see a foot beyond one's position.

Justice Bolster made the following report of the inquest:

Gertrude Wilson *et al.* came to their deaths on the 16th of January in consequence of a fire occurring shortly after midnight on the morning of January 16, 1912, in the Revere House in Bowdoin square.

The fire originated in a serving room on the Bulfinch street side, next the Armory building on the ground floor, and was first discovered by the night watchman of the hotel upon his opening a door connecting with the café known as the "Grotto."

It had then made considerable headway and spread with great rapidity, consuming much of the rear part of the hotel. The three persons whose lives were lost occupied rooms on the top floor in that part of the hotel assigned to the help and were evidently overcome by smoke before they could escape or becoming confused failed to find the means of egress.

The evidence at the inquest gave no clue to the direct cause of the fire. All the waiters and other employees in the "Grotto" had left at least an hour before the discovery of the fire. No fires were maintained in the "Grotto" or serving room and the destruction caused by the conflagration was so extensive that no conclusions as to the cause could be drawn from any examination made after the fire. The direct cause of the fire must apparently remain of pure conjecture. The Revere House, antedating the establishment of the Building Department, is not built in accordance with the present laws designed to reduce danger from fire in buildings newly constructed. It was not fire stopped at floors and ceilings, which accounts for the very rapid spread of the fire. But the fact that the guests of the hotel, more than one hundred in number, and all but three of the forty or more employees occupying adjacent quarters to the deceased, escaped safely, renders it quite as probable that those who lost their lives did so through want of sufficient presence of

mind as through any want of precautionary foresight in the hotel equipment. The building conformed to existing legal requirements as to egress, red lights, gongs, watchman, etc.

The Building Department had secured compliance shortly after passage with all laws designed to protect against fire and made applicable to buildings then existent. Upon all the evidence I cannot find that the unlawful act of any person contributed to the death of said deceased parties.

SUMMARY OF ALL THE DECISIONS OF THE
BOARD OF APPEAL UP TO AND INCLUD-
ING JANUARY, 1912.

CASE No. 1.

September 28, 1907.

The Building Commissioner refused to grant a permit to install a line of individual portable washbowls because each washbowl was not to be provided with a separate trap. The appellant contended that the individual portable washbowls, which were to be hung by hooks over long horizontal iron bars and which were to empty individually through an outlet at the bottom into a common trough or trench which was to have no physical connection with the said bowls, and which was itself to be trapped, should not be considered as separate fixtures. The Board concurred with the appellant and sustained the appeal.

CASE No. 2.

October 5, 1907.

The appellant asked permission to alter an existing house of habitation without being required to conform to the literal wording of section 35, chapter 550, Acts of 1907. The Building Commissioner had refused the permit because the exposure on the land of the owner, after such alterations were made, would be less than that required in the said section. Because of the peculiar physical conditions pertaining to the premises and to the adjacent premises, which could not be clearly explained in a summary, the Board found that it would be a manifest injustice to require the appellant to conform to the literal interpretation of said section, and further that the proposed alterations would not in any way harm the adjacent property. The Board therefore sustained the appeal.

CASE No. 3.

October 16, 1907.

The appellant asked to be relieved from the order of the Building Commissioner to remove a running trap

installed in the house drain between the street sewer and the opening in the drain above the roof. This had been ordered removed because such obstruction, it was contended by the Building Commissioner, was in violation of section 12, chapter 550, Acts of 1907, namely, that it was an obstruction to the drain. The appellant contended that such a running trap is not an obstruction. The Board sustained the appeal and found that such a running trap is not an obstruction.

CASE No. 4.

October 30, 1907.

The Building Commissioner had refused to grant a permit to build an addition at the rear of two tenement houses, said addition to consist of a boiler house carried up to the level of the first floor of the said houses. This refusal was based upon the contention by the Building Commissioner that it would be in violation of section 62, chapter 550, Acts of 1907. The appellant contended that under section 35, chapter 550, Acts of 1907, such a boiler house was permitted. The Board sustained the appeal on the ground that in this specific case, in view of the physical conditions pertaining to the premises, it would not be a violation of the spirit of section 62, chapter 550, Acts of 1907.

CASE No. 5.

See Case No. 12.

CASE No. 6.

See decision under date of June 13, 1908.

CASE No. 7.

October 30, 1907.

The appellant asked to be relieved from the order of the Building Commissioner to place hand rails on the stairways in a theatre. The appellant contended that they were not necessary nor required by statute. The Board affirmed the order of the Building Commissioner and dismissed the appeal.

CASE No. 8.

October 30, 1907.

The Building Commissioner refused a permit to erect a theatre for two reasons, first, because the exterior

courts were not in accordance with section 79, chapter 550, Acts of 1907; second, that the stopping off of the proscenium wall above the ceiling of the auditorium would violate section 83, chapter 550, Acts of 1907. The appellant contended that no violation of the law would occur in either respect, and that the law requires one exterior court in case of a theatre building on a corner lot, therefore, no court is required where there is a street frontage on three sides as in the case of this theatre lot. The appellant also contended that so long as the fireproof proscenium wall is carried above the ceiling of the theatre and the ceiling of the said theatre is made of fireproof material, it is not a violation of the spirit of section 79, chapter 550, Acts of 1907, to so construct a theatre. The Board concurred with the contention of the appellant and sustained the appeal.

CASE No. 9.

November 7, 1907.

The Building Commissioner refused a permit to erect a tenement house because the said building would not be provided with a fire escape as required under section 43, chapter 550, Acts of 1907. The appellant contended that a second means of egress would be provided in form of an interior inclosed stairway. As such stairway was not proposed to be inclosed in fireproof walls as required under section 43, chapter 550, Acts of 1907, and because of other minor variations from the law, the Board dismissed the appeal.

CASE No. 10.

November 9, 1907.

The appellant asked permission to alter a tenement house by adding about 10 feet to the front of the building, bringing the front up to the line of the sidewalk. The Building Commissioner refused the permit to make this alteration on the ground that under section 17, chapter 550, Acts of 1907, and section 23, chapter 550, Acts of 1907, the existing party wall would have to be increased from 8 inches to 12 inches, which it was not the intention of the applicant to do as set forth on his plans. The new walls, it appeared, were to be of legal thickness for new buildings. The appellant contended that sections 17 and 23 of chapter 550, Acts of 1907, referred to a new structure and not to an alteration of an existing building. The Board sustained the appeal.

on the ground that it was not the intention of the law that old walls should be increased to conform to the existing law, unless the proposed alterations would create an increased weight upon said walls.

CASE No. 11.

November 9, 1907.

The appellant asked permission to alter an existing building consisting of three stories and a pitch roof by removing the pitch roof, thereby necessitating the carrying up of the external and party walls vertically to the under side of said flat roof. The Building Commissioner refused a permit for this work because he contended it would be in violation of section 23, chapter 550, Acts of 1907, relating to the thickness of walls, in that after the alteration the walls should conform to the law as applicable to new buildings used for mercantile purposes, and that the plans of the existing building after the proposed alterations showed less thickness than was so required under section 23, chapter 550, Acts of 1907. The appellant contended that the proposed alterations were not in violation of said section 23, chapter 550, Acts of 1907, and that the strength and security of the building would not be reduced or impaired by the alterations. The Board sustained the appeal on the ground that in this specific case there would be little if any additional weight upon the external walls, and that there would be therefore no violation of the spirit of the law if the walls were left with their present thickness.

CASE No. 12.

November 9, 1907.

The appellant applied to the Building Commissioner on July 31, 1907, for a permit to build a tenement house in accordance with the then existing building law which expired at midnight on July 31, 1907. The Building Commissioner upon an examination of the plans found that the new law had become effective and that the said plans did not conform thereto. The appellant contended that his plans should be considered in reference to the obsolete law. The Board dismissed the appeal on the ground that the application had not been made in sufficient time to permit a due examination of the plans before the expiration of the old law, and that the proposed building would violate many provisions of the existing law.

CASE No. 13.

November 13, 1907.

The appellant asked permission to erect a three-story open balcony approximately 30 feet wide at the rear of an existing tenement house, such house being one of a block under the same ownership, all using a yard space in common. The Building Commissioner refused a permit for this structure on the ground that it would be a violation of sections 55 and 62 of chapter 550, Acts of 1907, relative to yards, contending that the said sections applied to additions and alterations as well as to new buildings, and that the proposed balcony would be technically a violation of said sections, and that it would occupy space that would otherwise be a portion of the legal area of the yard. The appellant contended that the proposed balcony would in no way deprive any of the windows opening onto the yards of light or air, and that it would not therefore be a violation of the spirit of the law. The Board concurred with the appellant and sustained the appeal.

CASE No. 14.

November 16, 1907.

The appellant applied to the Building Commissioner for a permit to erect a dwelling house, which application was refused by the Building Commissioner because he contended that the dwelling house would be a tenement house according to the definition of section 43, chapter 550, Acts of 1907, and as a tenement house it would not conform to all the other provisions in the law relative to tenement houses. The appellant asked the Board to find that the lower story was a basement, and that therefore the building being but three stories above the basement could not be considered legally a tenement house. The Board dismissed the appeal on the ground that the lower story was not a basement according to the spirit of the definition in the law; that therefore the house was four stories in height, to be occupied by three families above the first story, and that being a legal tenement house it did not conform to all the requirements for new tenement houses.

CASE No. 15.

November 30, 1907.

The appellant asked permission to erect a wooden dwelling house, one side of which was to be of brick,

within 3 feet of the party line, with nine windows and one door therein. The Building Commissioner refused a permit for this construction, contending that under section 40, chapter 550, Acts of 1907, the said wall must be of brick and solid, which meant without openings. The Board concurred with the Building Commissioner and dismissed the appeal.

CASE No. 16.

December 4, 1907.

The appellant asked permission to alter and restore the Paul Revere House for the Paul Revere Memorial Association. The Building Commissioner refused to grant the permit because he contended that the proposed alteration would exceed in cost one-half the cost of a like new building, and, if so, would be in violation of section 13, chapter 550, Acts of 1907. The Board sustained the appeal on the ground that the law did not contemplate a situation as set forth above, and that it would not be a violation of its spirit to grant the permit, even if the cost of such alterations should exceed 50 per cent of a like new building, which the Board thought was extremely doubtful.

CASE No. 17.

December 7, 1907.

The Building Commissioner refused a permit to erect a tenement house on a lot 150 feet deep, running between two streets, because the building would violate section 55, chapter 550, Acts of 1907, in that such a building must have a yard 26 feet in depth midway between two streets clear across the lot. The appellant contended that such a ruling would be a manifest injustice and act as a prohibition to the erection of any building thereon since it would result in two distinct buildings separated by 26 feet. It was found by the Board that a legal set back of 20 feet was required for all buildings in the block of which this was to form a part, and that therefore to all intents and purposes the lot was only 130 feet in depth, and the Board therefore sustained the appeal.

CASE No. 18.

December 7, 1907.

This case is similar to the preceding case, No. 17, and the appeal was sustained by the Board for the same reason.

CASE No. 19.

December 26, 1907.

The Building Commissioner refused to grant a permit to erect a mercantile building because the water-closet inclosure therein was not provided with ventilation to the outer air either by a window or a suitable light shaft, as required by section 12, chapter 550, Acts of 1907. The appellant contended that the said section 12, chapter 550, Acts of 1907, applies only to buildings to be used for habitation and that, moreover, his proposed method of ventilation, namely, through local seat vents which are to be carried into a common duct through the roof and capped with a ventilator, was a proper equivalent to that described in section 12, if section 12 applied. The Building Commissioner contended that such a proposed method of ventilation was not an equivalent to that required by law, and that section 12, chapter 550, Acts of 1907, applied to all classes of buildings. The Board dismissed the appeal on the ground that the proposed method of ventilation could not be considered an equivalent to that required by law.

CASE No. 20.

December 26, 1907.

The appellant asked to be relieved from the order of the Building Commissioner to extend an elevator shaft through the roof of an existing mercantile building in accordance with section 38, chapter 550, Acts of 1907. The appellant contended that as he had of his own volition inclosed the existing shaft on each floor with a fire-proof partition and fireproof door he had bettered the previous condition and should not be further required on that account to conform to the law which applies to new buildings. The Board sustained the appeal on the ground that such an order would be manifestly unjust.

CASE No. 21.

January 4, 1908.

The appellant had applied to the Building Commissioner for a permit to relocate partitions in a room in a private club building of second-class construction and to build wooden platforms for seating in the lecture room of said building, which application was refused by the Building Commissioner because such wooden platforms constituted an alteration, and that being an alteration

in an assembly hall which was to accommodate more than eight hundred (800) persons, the building must be converted into a first-class building in accordance with section 105, chapter 550, Acts of 1907. The appellant contended that the wooden platforms would not constitute an alteration of the said lecture room but would merely be furnishings, and asked the Board to so rule. The Board concurred with the appellant and sustained the appeal.

CASE No. 22.

January 4, 1908.

The Building Commissioner refused to permit the alteration of a dwelling house into a house with more than three apartments, each apartment to consist of a parlor, a small bedroom, a bath room and a small gas stove, on the ground that such alteration would create legally a new tenement house, and as such it would not conform to all the legal requirements for new tenement houses. The appellant asked the Board to find that the dwelling house thus altered would not constitute a new tenement house within the spirit of the legal definition of such a house, as the arrangement and number of rooms in each apartment were not of a character to adapt it for occupation by a family living independently of other families and doing its cooking upon the premises. The Board concurred with the appellant and sustained the appeal.

CASE No. 23.

January 4, 1908.

The appellant applied for relief from the order of the Building Commissioner to close windows in the side wall of a wooden building which windows were nearer than 3 feet from the main portion of the adjoining building, but not nearer than 10 feet to the ell of said adjoining building. The Board sustained the appeal as regards the windows opposite the ell, with the understanding that the windows opposite the main portion of the adjoining house would be closed by the appellant.

CASE No. 24.

January 4, 1908.

The Building Commissioner requested the Board to concur with him in granting an equivalent method of construction, as follows: To substitute in place of two metal-covered doors and opening in the party wall, as

required by law, two sets of metal frames and sashes, with wired glass separated by the thickness of the wall. The Board concurred with the Building Commissioner.

CASE No. 25.

January 15, 1908.

The Building Commissioner refused to permit the erection of a house of habitation of second-class construction five stories in height above the basement, with a sixth story in a pitch roof, with sufficient height therein to permit of the same being used for habitation, because such construction would exceed the minimum height permitted in section 17, chapter 550, Acts of 1907. The appellant asked the Board to find that the roof space did not constitute a sixth story. The Board affirmed the ruling of the Building Commissioner and dismissed the appeal.

CASE No. 26.

January 15, 1908.

The appellant asked permission to erect a tenement house of second-class construction, 400 feet larger in area than the five thousand maximum permitted by law for tenement houses of second-class construction. The Board granted the appeal on the ground that in this specific case it would be a manifest injustice to withhold the building permit.

CASE No. 27.

February 1, 1908.

The appellant asked permission to convert a brick building used in part as a tenement house and in part as a store into a mercantile building without being required to increase the thickness of the walls to conform to the requirements for new mercantile buildings as the Building Commissioner contended should be done. The Board sustained the appeal on the ground that it would be a manifest injustice to require such increase, and also because the removal of many partitions in the tenement house would reduce rather than increase the weight upon the walls.

CASE No. 28.

February 1, 1908.

The appellant asked permission to install an open iron staircase from the basement to the first floor of a mercantile building without being required to inclose the same in fireproof partition as, according to the con-

tention of the Building Commissioner, should be done in accordance with section 17, chapter 550, Acts of 1907. The Board granted the appeal on the ground that the said stairway was a monumental stairway as provided for in the last sentence of section 17, chapter 550, Acts of 1907.

CASE No. 29.

February 5, 1908.

The appellant applied for a permit to fit up a room, with seats to accommodate one hundred (100) spectators, for a moving picture exhibition, on the first floor of a building already used on all the floors as a museum, which application had been refused by the Building Commissioner because he considered that the proposed means of exit were insufficient and that it was not the intention of the appellant to inclose the proposed area to be used for the exhibition purposes by fireproof material. The appellant contended that the wall inclosure demanded by the Building Commissioner was unnecessary and only an additional obstacle to egress, and that the exits were the same as already existed, which had previously been pronounced satisfactory by the Building Commissioner, and that the capacity of the building was not to be increased by the proposed change above the original allowance. The Board concurred with the opinion of the appellant as regards the fireproofing, but affirmed the ruling of the Building Commissioner as to the inadequacy of the proposed exits, and for the latter reason only dismissed the appeal.

CASE No. 30.

February 8, 1908.

The Building Commissioner refused a permit to erect two wooden dwelling houses in a block separated by an 8-inch party wall because the said party wall did not extend to the front line of a connecting porch as required in section 40, chapter 550, Acts of 1907. The appellant contended that such a porch with a roof should not be considered as a part of the building proper. The Board agreed with the appellant in this specific instance, and sustained the appeal.

CASE No. 31.

February 20, 1908.

On February 15 the Board, at the request of the Building Commissioner, granted an application of the Siegel Company to remove interior brick partitions in the Siegel Building.

CASE No. 32.

February 19, 1908.

The appellant and the premises being the same as in Case No. 29, previously cited, the appellant asked permission to fit up a room for one hundred (100) spectators for a moving picture exhibition and to be allowed to provide exits as shown on revised plans, such exits having been disapproved by the Building Commissioner, and the Building Commissioner having also refused to permit the fitting up of the said room for spectators for the reasons stated in Case No. 29. The Board found, as stated in Case No. 29 for the appellant as regards the fireproof inclosures, and in this case (No. 32) that the revised plan of exits was satisfactory, and therefore sustained the appeal.

CASE No. 33.

February 19, 1908.

The appellant asked permission to erect a house of habitation covering more than 5,000 square feet floor area of second-class construction, and proposed to separate the said building by brick partition walls, and certain fireproof ceilings and metal-covered doors so as to create areas within the said partition walls not exceeding 5,000 square feet. The board was asked to determine whether such a building would be construed as four or five buildings, each less than 5,000 square feet, or as one building containing more than 5,000 square feet, to be used for habitation, and of second-class construction. The Board found that the building in question was one building and larger than was allowed by law for the purpose, and dismissed the appeal.

CASE No. 34.

February 21, 1908.

The appellant asked permission to be allowed to raise the floor beams in a dwelling house upon 8-inch party walls without corbeling the same or providing metal hangers, as literally called for in section 34, chapter 550, Acts of 1907. The Board found that the clause in said section was to be construed as permissive and not mandatory in the case of 8-inch party walls and that in the case of 8-inch outer walls 4-inch bearing for floor beams is permitted under the law.

CASE No. 35.

February 26, 1908.

The appellant asked permission to convert an existing block of five three-family houses into a tenement house by subdividing each apartment into two small apartments for separate families without being required to conform to all the provisions of the law relative to new tenement houses, contending that under section 35, chapter 550, Acts of 1907, he should be permitted to make such alteration and that it would be a hardship to require him to comply with tenement house regulations. The Building Commissioner contended that he had no discretion in the matter, and the Board dismissed the appeal on the ground that its discretionary power is not of such a character that it could overlook the plain intent and letter of the law in this case.

On April 15 the appellant in the above case (Case No. 35) asked the Board to find from evidence submitted that one house in the block mentioned in said case was a legal tenement house at the time of the passage of the Acts of 1907, chapter 550. The Board so found, and in respect to this specific house in the block sustained the appeal.

CASE No. 36.

February 29, 1908.

The appellant asked permission to erect a temporary school for the Museum of Fine Arts on the Museum property on Huntington avenue, said school to be of third-class construction. The Building Commissioner had refused to grant a permit for this school because it would be in violation, he contended, of section 9, chapter 550, Acts of 1907, in that it was to be of third-class construction within the building limits in lieu of first or second-class construction, and that it did not come under the exceptions permitted within the building limits. The appellant contended that the building was to be a temporary one, to be used only a few years, when it would be replaced by a permanent structure. The Board sustained the appeal on the ground that the building might be considered of a temporary structure and also in view of the fact that it would stand remote from any other structure except the new museum building proper.

CASE No. 37.

February 29, 1908.

The appellant asked permission to be relieved from the order of the Building Commissioner to provide additional means of egress on premises No. 1 Fayette street, Dorothy Rolfe Hotel, Ward 10. The Board sustained the Building Commissioner and dismissed the appeal.

CASE No. 38.

February 29, 1908.

The appellant appealed from the order of the Building Commissioner to restore ladder from the third story to the roof at 117 Union Park street. The Board dismissed the appeal.

CASES NOS. 39 AND 40.

March 4, 1908.

The appellant asked permission to erect a block of houses in the form of a hollow square in a suburban district without conforming to all the literal requirements of the law regarding yards. The Board granted the appeal on the ground that the houses constructed either as one house or as a group of houses would always have sufficient light and air to conform to the spirit and intent of the law.

CASE No. 41.

March 4, 1908.

The appellant asked permission to erect clothes dryers on a second-class dwelling house, said clothes dryers to abut upon a party line and to be partly wood but in their structural parts to be of metal. The Board granted the appeal on the ground that such clothes dryers should not be considered as a part of the main structure of the building, and further, that even if so considered, on account of the structural parts of the said clothes dryers being of metal, they might properly be considered of second-class construction and could therefore abut upon a party line.

CASE No. 42.

March 7, 1908.

The appellant asked permission to convert a second-class building used for a certain purpose into a building of the same class to be used for a new purpose, viz., as

a synagogue for a private society, this building to contain several large assembly rooms and a large dining room. The Building Commissioner had refused to issue a permit because he contended that the dining room should be classed as an assembly hall and that, being so classed, the total seating capacity of the two assembly rooms and the dining room combined would exceed eight hundred (800), and that therefore said building would have to be of first-class construction as required in section 105, chapter 550, Acts of 1907. The appellant contended that the dining room was not an assembly room, and that the total seating capacity in the building was therefore incorrectly computed by the Building Commissioner. The Board found as a fact that the dining room was not an assembly hall, and further found that, without including the dining room, the seating capacity of the assembly rooms would not exceed eight hundred (800), and that therefore the building need not be of first-class construction. The Board sustained the appeal.

CASE No. 43.

See decision under date of June 13, 1908.

CASE No. 44.

See decision under date of June 13, 1908.

CASE No. 45.

March 7, 1908.

The appellant asked permission to erect on top of a one-story wooden building now occupied by stores three additional wooden stories, the three additional stories to be used as tenements, area not to exceed 1,800 square feet, and to build a one-story wooden shed as an extension to the stores on the first floor. The Building Commissioner contended that the area of the total building should include this new wooden shed, in which case the area of the tenement house would exceed 1,800 square feet, and would therefore be forbidden under section 51, chapter 550, Acts of 1907. The Board found that the area of the tenement house should be computed within the external walls of the said tenement house and that the area of the new shed on the first story should not be included in such area, and therefore the appeal was sustained.

CASE No. 46.

March 7, 1908.

The appellant asked to be relieved from the order of the Building Commissioner to remove a wooden partition in a first-class building. The Board granted the appeal on the ground that said partition was of a temporary nature.

CASE No. 47.

See decision under date of June 13, 1908.

CASE No. 48.

March 11, 1908.

The appellant asked permission to alter an existing building into a three-family house of habitation, of third-class construction, outside of the building limits. The Building Commissioner refused to grant a permit for this alteration on the ground that by the provisions of section 35, chapter 550, Acts of 1907, such alteration would have to be of second-class construction, and further he refused a permit because cantilever ladders were not to be provided as required under section 43, chapter 550, Acts of 1907; and, further, because under section 51, chapter 550, Acts of 1907, the area of said building, including the clothes dryers, would be in excess of 1,800 square feet. The Board sustained the appeal in all three parts on the ground that section 35, chapter 550, Acts of 1907, does not apply to wooden buildings outside of the building limits; that the building, not being more than three stories in height, would not require any cantilever ladders; and that the area of the building should not include the area of the balconies and piazzas.

CASE No. 49.

March 11, 1908.

The appellant asked for relief from the decision of the Building Commissioner that Jordan Hall of the Conservatory of Music is being used as a theatre, in violation of the law. The Building Commissioner contended that the said hall was practically a theatre in its use, and that being such it did not conform to section 77, chapter 550, Acts of 1907. The appellant contended that the said hall was not a theatre in the ordinary sense of the word, but was used principally as a concert hall, and that, moreover, it is adequately provided with

ample exits and fireproof construction. The Board sustained the appeal on the ground that said Jordan Hall is not a theatre.

CASE No. 50.

This case was referred back to the Building Commissioner at his request that he might further consider the matter involved. The case has not been again presented to the Board.

CASE No. 51.

March 14, 1908.

The appellant applied to the Building Commissioner for a permit to alter a corner brick tenement house by extending an ell in the rear of the said house and on a line with one of the streets up to the line of a 3-foot alleyway which extends from the said street to the back yards of several adjoining houses. The Building Commissioner refused to grant the permit for this construction because it would be in violation of section 55 and section 62 of chapter 550, Acts of 1907, in that the back yard would not be 6 feet in every part. The appellant contended that he should be allowed to build as he proposed, under the provisions of section 35, chapter 550, Acts of 1907, and that it would be a manifest injustice to forbid his so doing. A majority of the Board sustained the appeal on the ground that it would be a manifest injustice to refuse it. A minority dismissed the appeal.

CASE No. 52.

March 26, 1908.

The appellant asked to be relieved from the order of the Building Commissioner to remove wooden partitions in an existing first-class building, contending that they were already installed before he purchased the property, and that he should not be held responsible for the alleged violation which the Building Commissioner claimed existed under section 11, chapter 550, Acts of 1907. The majority of the Board sustained the appeal on the ground that such partitions were of a temporary nature and that it would be a manifest injustice to require their removal.

CASE No. 53.

March 26, 1908.

The appellant asked permission to be allowed to remove fireproof doors and connecting fireproof parti-

tions, said doors being directly at the top and bottom of each flight of stairs, in a mercantile building to be used as a department store. The Board sustained the appeal on the ground that the arrangement as allowed under the permit issued would be more dangerous in case of fire than if the doors and partitions in question were removed.

CASE No. 54.

March 26, 1908.

The appellant asked to be relieved from the order of the Building Commissioner, to provide a bulkhead or scuttle in the roof of a tenement house, with stairs or fixed ladder to such scuttle in the public hall of said tenement house. The Board sustained the appeal on the ground that there are ladders already provided to the roof, accessible from each apartment without the necessity of entering the public hall to reach such ladders, and for the further reason that section 44, chapter 550, Acts of 1907, on which the Building Commissioner depended for his decision in this matter, does not apply in this specific case.

CASE No. 55.

March 28, 1908.

The appellant asked permission to erect a second-class tenement house and to inclose the stair halls with stud partitions covered on both sides with metal lathing and plaster, the space between the studs to be filled in at each floor with brick or mortar from the bottom to the top of the floor beams, a distance of 10 inches or 12 inches. The Building Commissioner refused a permit on the ground that under section 47, chapter 550, Acts of 1907, such filling between studs with brick or mortar included the entire height of each story. The Board sustained the appeal and found that section 47, chapter 550, Acts of 1907, was intended to mean what the appellant contended for and that it was not the intention of said section to require the space between the studs to be filled the whole height of each story.

CASE No. 56.

April 1, 1908.

The appellant asked permission to alter an existing corner tenement house by building an extension against the rear wall of same alongside one of the streets, which extension was to stop within 3 feet of a 3-foot alleyway.

The Building Commissioner contended that the 3-foot alleyway was a public alleyway and therefore could not be considered as the property of the appellant, and further, the space to which he was entitled for a back yard would only be measured from the rear extension to the middle of the alley, a distance of $4\frac{1}{2}$ feet, while 6 feet is required under sections 55 and 62 of chapter 550, Acts of 1907. The appellant contended that the 3-foot alleyway was not a public alleyway but was the property of the owner of the tenement house in question, and that therefore the appellant had conformed to the requirements under section 55, chapter 550, Acts of 1907. The Board sustained the appeal on the ground that to all intents and purposes the appellant was conforming to the spirit of the said section 55, chapter 550, Acts of 1907.

CASE No. 57.

April 4, 1908.

The appellant asked to be relieved from the order of the Building Commissioner to provide larger sash windows and skylights in the interior partitions of an existing tenement house. The Board sustained the appeal on the ground that after an examination of the premises the general spirit of the law was sufficiently complied with and that it would be a manifest injustice to require further alterations.

CASE No. 58.

See decision under date of June 13, 1908.

CASE No. 59.

April 8, 1908.

The appellant asked permission to alter an existing dwelling house to make it into a legal tenement house, by adding a fourth floor, without conforming to all the requirements for new tenement houses. A majority of the Board sustained the appeal on the ground that it would be a manifest injustice to refuse a permit. A minority dissented.

CASE No. 60.

April 11, 1908.

The appellant remonstrated against the issuance of a permit to install boilers and engines in basement of the building adjoining the appellant's premises. The Board

dismissed the appeal and authorized the Building Commissioner to issue a permit for the boilers and engines with certain provisos.

CASE No. 61.

April 15, 1908.

The appellant asked that his proposed building, which was to consist of a high basement and three stories, adapted for not more than three families, should be considered as a house of habitation and not a tenement house as contended by the Building Commissioner. The Building Commissioner contended that the basement could be used for a fourth family, thereby constituting the building a tenement house if the basement was so used. The Board found that the building would not be a tenement house provided it were built and occupied in compliance with the drawings. Appeal sustained.

CASES Nos. 62, 63, 64.

See decision under date of May 2, 1908.

CASE No. 65.

April 25, 1908.

The appellant asked permission to convert a dwelling house into a millinery establishment and to add a fifth story (the whole height of the altered building not to exceed 65 feet) without strengthening the party walls to conform to the requirements for new mercantile buildings as, according to the contention of the Building Commissioner, should be done under the requirements of section 23, chapter 550, Acts of 1907. A portion of the fifth story was to be in the form of a mansard roof, one side of which story would abut against a party wall and another side of said story was to be 2 feet away from the opposite party wall; the building and mansard roof to be of fireproof construction on a steel frame. The appellant contended that the proposed loads on the existing party wall were not to be increased by the changing of the purpose of the building. The majority of the Board sustained the appeal on the ground that the floor loads in the converted building were not to exceed those allowed in dwellings and with a proviso to that effect. A minority of one dissented.

CASE No. 66.

April 25, 1908.

The appellant proposed to erect a building containing many small apartments, each consisting of a living room, bedroom, bathroom and a small closet containing a sink. The appellant asked that such a structure should not be considered a tenement house as contended by the Building Commissioner. The Board found that such a structure would not be a tenement house for the same reason as stated in Case 22. Appeal sustained.

CASE No. 67.

April 25, 1908.

The appellant wished to erect a three-story wooden dwelling with a low pitch roof, and to carry up a round corner bay window to the height of the ridge of said pitch roof, thereby making it possible to use one room in the attic for habitable purposes. The Building Commissioner contended that a house so constructed would be a four-story wooden dwelling and therefore forbidden under the law. The appellant contended that such an attic story, even with one habitable room therein, would not constitute a fourth story. The Board concurred with the appellant and sustained the appeal.

CASE No. 68.

April 25, 1908.

The appellant remonstrated against the issuance of a permit to install boilers in premises adjoining those of the appellant. As the appellant withdrew his objections at the hearing, the case was dismissed.

CASES Nos. 62, 63, 64.

May 2, 1908.

These three cases are practically one case, involving the question of erecting wooden dwellings within 3 feet of a lot line. Two of the appellants own houses, and between these houses there is a vacant lot. The third appellant wished to erect a wooden house on this vacant lot, but owing to its width was unable to erect a house of sufficient width so that the side walls of the proposed house should be 3 feet away from the existing party lines. In order to overcome this difficulty, the appellant holding the

vacant center lot had purchased a $1\frac{1}{2}$ -foot strip from the owners of the premises on either side of his vacant lot, thus giving him the legal 3 feet on each side of his house to the lot line, but thereby reducing the distance to the lot line of the adjoining houses from what had been 3 feet to $1\frac{1}{2}$ feet, thereby making the distance between the center house and the two existing houses $4\frac{1}{2}$ feet in each case instead of 6 feet, as contended by the Building Commissioner was the intent of the law under section 40, chapter 550, Acts of 1907. The appellants asked to be relieved from the ruling of the Building Commissioner that the transactions hereinabove described were in violation of the said section 40, chapter 550, Acts of 1907. As the appellants could not produce evidence satisfactory to the Board that the conveyances of the strips of land above mentioned had been made in good faith the Board affirmed the ruling of the Building Commissioner and dismissed the appeal without passing upon the substantive question involved in these cases.

CASE No. 69.

May 2, 1908.

The appellant asked permission to erect a three-story wooden family house, to be located on the side of a hill in such a manner that the basement on the front would be clear above the grade of the front street. The Building Commissioner contended that such a structure would be four stories in height and therefore illegal. The Board sustained the appeal.

CASE No. 70.

See decision under date of July 24, 1908.

CASE No. 71.

On September 23 the Board received a communication from the Building Commissioner stating that the conditions had improved to such an extent that the complaint could be withdrawn. The case was dismissed.

CASE No. 72.

May 9, 1908.

The appellant withdrew his appeal at the hearing.

CASE No. 73.

This case was referred back to the Building Commissioner at his request that he might further consider the matter involved. The case has not been again presented to the Board.

CASE No. 74.

On May 13 this case was withdrawn by the appellant.

CASE No. 75.

May 13, 1908.

The appellant asked permission to erect a wooden clothes dryer on a three-family house of second-class construction outside of the fire limits. The Building Commissioner contended that such clothes dryers should be of fireproof construction under section 12, chapter 550, Acts of 1907. The appellant contended that under section 11, chapter 550, Acts of 1907, a composite building was permitted outside the building limits and therefore a wooden clothes dryer might be permitted, provided they did not exceed in area 1,800 square feet, and that the entire building might be of wood if the appellant had so desired. The Board sustained the appeal on the ground that the law does not require more than a wooden form of construction in clothes dryers on an area less than 1,800 square feet.

CASE No. 76.

June 6, 1908.

The appellant asked permission to alter an existing tenement house, a permit for which had been refused by the Building Commissioner because the said house was more than five stories in height above the mean grade of all the sidewalks. The Board sustained the appeal on the ground that the lower story might be considered a basement, and for the further reason that the total height of the existing building does not exceed 65 feet.

CASE No. 77.

See decision under date of June 13, 1908.

CASE No. 78.

See decision under date of June 13, 1908.

CASE No. 79.

See decision under date of October 3, 1908.

CASE No. 80.

This case was deferred at the request of the counsel for the appellant and it has not again been presented to the Board.

CASE No. 81.

See decision under date of June 13, 1908.

CASE No. 82.

June 10, 1908.

The appellant asked permission to erect a building of second-class construction covering more than 5,000 square feet, to be used as a school and also as a dormitory. The appeal was dismissed for the reason that such a building became a house of habitation and therefore could not exceed the maximum area of 5,000 square feet.

CASE No. 83.

June 10, 1908.

The Building Commissioner asked the Board to concur with him in granting an equivalent method of construction, namely, to permit chimneys in a certain building to be of concrete, walls to be 4 inches thick in place of 4 inches of brick with flue lining. The Board concurred with the Commissioner and granted this equivalent method of construction.

CASE No. 84.

June 13, 1908.

The appellant wished to erect a wooden dwelling within 2 inches of a party line, using a solid 8-inch wall along said party line, except at a certain point where a recess was to be made 3 feet in depth and 4 feet in length, to be inclosed by brick walls, said recess to extend from the ground up. The Building Commissioner refused to permit this recess, claiming that under section 40, chapter 550, Acts of 1907, the solid brick wall should extend from the front to the extreme rear of the house

without openings. The Board sustained the appeal on the ground that such a recess was not an opening in a solid brick wall.

CASE No. 85.

Appeal withdrawn June 12, 1908.

CASE No. 86.

June 13, 1908.

The appellant and the premises concerned were the same as in Case No. 65. The appellant asked permission to extend the fifth story over a greater area of roof than was contemplated in Case No. 65. The Building Commissioner refused to sanction the construction of the fifth story, one exterior wall of which was to be 2 feet from and entirely above the top of an existing party wall, and contended that the party wall should be carried up through the height of the fifth story to form the external wall of the new fifth story. A majority of the Board sustained the appeal on the same grounds as in Case No. 65, and for the further reason that in its opinion it is not intended in the law that all old buildings converted for new purposes should conform in every particular to new buildings to be built for similar purposes, the use to which the converted building is to be put being the determining factor in each specific case. A minority of the Board dismissed the appeal.

CASE No. 6.

June 13, 1908.

The appellant asked to be relieved from the order of the Building Commissioner to provide additional means of egress from a brick lodging house. The Board sustained the appeal because the house in question is only three stories above the basement, has a flat roof with a scuttle and ladder thereto, and there were only ten occupants in the building above the first story.

CASES Nos. 43 AND 44.

June 13, 1908.

The appellant asked to be relieved from the order of the Building Commissioner to provide additional means of egress from two adjoining brick lodging houses. The Board sustained the appeals because the houses are brick, only four stories in height, have flat roofs with scuttles

thereto; there are means of access from the roof to adjoining roofs and there were only eight occupants in each building above the first story. A proviso accompanied the decisions to the effect that a ladder from the top story to the scuttle must be installed in each house.

CASE No. 47.

June 13, 1908.

The appellant asked to be relieved from the order of the Building Commissioner to provide additional means of egress from a lodging house. The Board sustained the appeal because the house in question is a four-story dwelling, with flat roof and scuttle and ladder thereto, and there are means of escape from the roof to roofs of adjoining buildings and there were only nine occupants above the first story.

CASE No. 58.

June 13, 1908.

The appellant asked for relief from the order of the Building Commissioner to provide additional means of egress from a brick lodging house. This house is a brick dwelling, four stories in height, with a flat roof and a scuttle, but without a ladder thereto, and there are no means of escape from the roof to roofs of adjoining buildings. The number of occupants above the first floor was nine. The Board sustained the appeal, with the proviso that a ladder should be devised for escape from the roof to roofs of adjoining buildings.

CASE No. 77.

June 13, 1908.

The appellant asked to be relieved from the order of the Building Commissioner to provide additional means of egress from a lodging house. This house is a three-story brick dwelling with a pitch roof constituting a fourth story, with four occupants therein. There is no scuttle in the roof and no means of escape from the roof to roofs of adjoining buildings. The Board affirmed the order of the Building Commissioner and dismissed the appeal because of the facts stated above.

CASE No. 78.

June 13, 1908.

The appellant asked to be relieved from the order of the Building Commissioner to provide additional means of egress from a block of lodging houses. These build-

ings are of wood, three stories in height, with a flat roof, without scuttles in same or stepladders to the scuttles, and the buildings have two-story ells with flat roofs, making it possible to reach the ell roofs from the third-story windows. The Board sustained the appeal, with the proviso that scuttles must be installed in the roofs of the main buildings, with ladders thereto.

CASE No. 81.

June 13, 1908.

The appellant asked to be relieved from the order of the Building Commissioner to provide additional means of egress from a lodging house. The house in question is a four-story brick dwelling with a pitch roof constituting a fifth story. There is a scuttle in the pitch roof with no access thereto, and no means of escape from the roof to roofs of adjoining buildings. Because of these facts the Board affirmed the order of the Building Commissioner and dismissed the appeal.

CASE No. 87.

June 24, 1908.

The appellant asked permission to convert an existing wooden building into a legal tenement house. His application had been refused by the Building Commissioner because one side of said existing building was nearer than 3 feet to the lot line, contrary to section 40, chapter 550, Acts of 1907. The area of the converted building, including clothes dryers, would exceed 1,800 square feet, contrary to section 51, chapter 550, Acts of 1907; and one outer court was only 18 inches wide instead of 6 feet, as called for in section 58, chapter 550, Acts of 1907. The Board sustained the appeal on the ground that section 40, chapter 550, Acts of 1907, does not apply to existing wooden buildings to be altered for any purpose; that section 51, chapter 550, Acts of 1907, does not apply to the area of clothes dryers, and that the area of the building proper is less than 1,800 square feet, and on the ground that section 58, chapter 550, Acts of 1907, does not apply since the building has the requisite amount of light and air whether the additional court exists or not.

CASE No. 88.

July 24, 1908.

The appellant applied for relief from the complaint of the Building Commissioner that (1) his premises contain a 4-inch trap under sink and wash trays in lieu of a 5-inch

trap as called for by the law, and that (2) all traps are not water sealed as required by the law; and (3) fixture on top floor (water-closet) is not ventilated as required by law. The Board sustained the appeal regarding item (3), because it found that the law referring to fixtures on the same level (section 117, chapter 550, Statutes 1907) means "on the same floor," with not more than 2 feet of waste pipe connecting with the soil or waste pipe. The Board sustained the appeal as regards item number (1) on the ground that the 4-inch round trap may be used where less than three trays and a sink are ventilated through the same trap, as in the case in question. The Board affirmed the order of the Building Commissioner as regards number (2) on the ground that the trap screw placed at the top of the trap, when the outlet is taken from the top of the trap as in this case, does not constitute a water-sealed trap screw within the meaning of the law.

CASE No. 89.

Appeal withdrawn July 15, 1908.

CASE No. 90.

June 10, 1908.

The appellant applied to the Building Commissioner for a permit to erect a building with hollow and vaulted concrete blocks of peculiar construction, and the permit was refused on the ground that such a system of block construction would be in violation of section 26, chapter 550, Acts of 1907, in that the walls would not be of a thickness required by law and that the vaulted wall, exclusive of withes, does not contain the same amount of material as is required for solid walls. The appellant asked the Board to find that section 26, chapter 550, Acts of 1907, does not apply to this form of construction, but was intended solely for brick construction, and further asked that the Board permit the use of the concrete construction contemplated. The Board found that section 26, chapter 550, Acts of 1907, refers entirely to brick walls. The Board permitted the use of the method of construction desired, provided that the concrete used in the block was satisfactory to the Building Commissioner. Appeal sustained.

CASE No. 91.

July 15, 1908.

The appellant asked permission to install water-closet inclosures without providing adequate ventilation to the outer air either by a window or by a suitable light shaft, as called for in section 12, chapter 550, Acts of 1907. The appellant proposed to use an equivalent method of ventilation by means of a ventilating duct with exhaust fans. The Board sustained the appeal on the ground that such proposed method of ventilation is equivalent to the method literally called for under section 12, chapter 550, Acts of 1907.

CASE No. 92.

July 10, 1908.

This case is similar to Case No. 91 and the Board sustained the appeal for the same reason.

CASE No. 93.

July 10, 1908.

This case is similar to the two preceding cases and the Board sustained the appeal for the same reason.

CASE No. 94.

July 10, 1908.

The appellant applied for a permit to erect a theatre. The Building Commissioner refused a permit because the sashes and frames in the windows in the basement area lighting the dressing rooms were not to be protected by metal covering, nor was the glass to be wired glass, the contention of the Building Commissioner being that such frames and sashes should be of fireproof material, and that under section 8, chapter 550, Acts of 1907, it is within his discretionary power, subject to appeal, to require such construction if he deems it desirable for the safety of the occupants. The appellant asked the Board to find that such metal-protected frames and sashes and wired glass were not necessary, and a majority of the Board so found and sustained the appeal. A minority of the Board dismissed the appeal.

CASE No. 95.

July 10, 1908.

The appellant was refused a permit by the Building Commissioner because the water-closet inclosures con-

taining one or more water-closets were not provided with adequate ventilation to the outer air either by a window or suitable light shaft as required in section 12, chapter 550, Acts of 1907. It was found that the inclosures in question consisted of simple partitions, 7 feet high, with a clear space of 5 feet above the same. The Board sustained the appeal on the ground that the entire story containing the water-closet compartments might be considered an inclosure, which is amply provided with outside light, and that therefore section 12, chapter 550, Acts of 1907, does not apply.

CASE No. 96.

July 15, 1908.

The Building Commissioner refused a permit to alter a building because the inclosures containing one or more water-closets were not provided with adequate ventilation to the outer air, either by a window or a suitable light shaft, as required under section 12, chapter 550, Acts of 1907. The appellant asked the Board to permit such water-closet inclosures. As no equivalent method of ventilation was proposed the Board dismissed the appeal.

CASE No. 97.

August 5, 1908.

The appellant asked relief from the order of the Building Commissioner to provide additional means of egress from five adjoining lodging houses. The buildings in question consist of brick structures, each four stories in height, with scuttles therein, but without means of access thereto, and there are no means of escape from the roofs to roofs of adjoining buildings. The number of occupants above the first story was twelve (12) in one building, seven (7) in another, five (5) in another, seven (7) in another, and twelve (12) in another. Each building has but one stairway. The appellant contended that the power granted the Building Commissioner to require a reasonable means of egress under section 12, chapter 550, Acts of 1907, was intended to be applicable only to buildings hereafter erected, or to buildings which were unlawful at the time of the Statute of 1892, chapter 419, and (2) that if such power was intended to be applicable to all buildings which were lawful at the time of the passage of Statute 1907, chapter 550, and also at the time of the passage of Statutes of 1892, chapter 419, then such legislation is unconstitutional, and (3)

that in the particular buildings under consideration the requirements of the Building Commissioner were unnecessary and unreasonable. The Board found as to the first contention that the Legislature intended to confer power upon the Building Commissioner to require reasonable means of egress from existing buildings as well as from those erected after the passage of Statutes of 1907, chapter 550, and the Board further found that the buildings in question are not provided with reasonable means of egress. The Board, therefore, dismissed the appeal.

CASE No. 98.

July 15, 1908.

The Building Commissioner refused to grant a permit to alter certain premises on the ground that the proposed alterations were to be of such an extent as to produce practically a new structure and, therefore, as a new structure the building should be made to conform to the provisions of the act for new structures of the same class. The appellant asked the Board to find that the proposed alterations would not practically constitute a new structure. As the roof, exterior walls and foundations were to remain practically as at present and as only the floors and partitions were to be altered, the Board sustained the appeal.

CASE No. 99.

July 24, 1908.

The Building Commissioner refused to grant a permit to build wooden uprights for clothes lines on the roof of a second-class building within the building limits, said uprights to also form support for an inclosure of wire netting. The appellant in his appeal contended that the proposed structure would not differ from a clothes drying shed common to flat-roofed houses. The Board agreed with the Building Commissioner that the proposed wooden upright on roofs within the building limits were undesirable and forbidden by the building law both in spirit and literally, and therefore dismissed the appeal.

CASE No. 100.

August 11, 1908.

The Building Commissioner refused to grant a permit to allow a common light well with windows in the brick walls of said wells between two adjoining brick houses and separated by a party wall except where the said

light well occurs, contending that such a construction would be in violation of section 31, chapter 550, Acts of 1907. The appellant asked the Board to find that such common light well would not be in violation of section 31, chapter 550, Acts of 1907, nor a dangerous fire menace. A majority of the Board concurred with the contention of the appellant and sustained the appeal. A minority dissented.

CASE No. 101.

This case was deferred at the request of the counsel for the appellant and it has not again been presented to the Board.

CASE No. 102.

July 24, 1908.

The Building Commissioner refused to permit an alteration of certain premises occupied as a tenement house because the requirements of section 55, paragraph 4, chapter 550, Acts of 1907, would not be complied with in that the tenement house being on a corner lot the depth of the yard behind it was required to be not less than 6 feet in every particular. In his appeal the appellant contended that the peculiar arrangement of the premises furnished more than the equivalent light and air that is technically required under the law. As the premises in question consisted of a main building four stories in height and a two-story narrow ell with a yard at the rear of the main houses 15 feet deep although not running clear across the lot, and as besides this yard there is a 5-foot public alleyway running behind the yard and the ell, the Board concurred with the appellant and sustained the appeal, acting under the discretionary power given in section 7, chapter 500, Acts of 1907.

CASE No. 103.

July 23, 1908.

The appellant asked the Board to find that certain metal ducts from water-closet inclosures, carried into a boiler flue which was provided with gas jets for summer heating, would be a method of ventilating said water-closet inclosures equivalent to the requirements of section 12, chapter 550, Acts of 1907. The Board so found in this specific case and the appeal was sustained.

CASE No. 104.

August 19, 1908.

The appellant asked to be relieved from the order of the Building Commissioner to provide additional means of egress from a tenement house, occupied by seven families, and having a fire escape consisting of balconies on each floor connected by a fixed vertical iron ladder. The main objection of the Building Commissioner was this vertical ladder which, he contended, should be replaced by sloping iron stairways. The appellant contended that the vertical ladder was adequate for the purpose for which it was constructed. A majority of the Board concurred with the Building Commissioner that sufficient means of egress were not provided and dismissed the appeal. A minority dissented.

CASE No. 105.

August 19, 1908.

The appellant asked to be relieved from the order of the Building Commissioner to provide additional means of egress from a tenement house occupied by eight families. The Building Commissioner contended that the existing fire escape was inadequate, being of the vertical ladder type. The appellant contended that the vertical ladder was adequate for the purpose for which it was constructed. A majority of the Board concurred with the Building Commissioner and dismissed the appeal. A minority dissented.

CASE No. 106.

August 19, 1908.

The Building Commissioner refused to grant a permit to build a one-story extension to a wooden building to be used as a temporary school by the Museum of Fine Arts, on Huntington avenue. The appellant asked permission to enlarge a temporary school of third-class construction in connection with the Museum of Fine Arts, on Huntington avenue. This case was practically an extension of Case No. 36. The Building Commissioner refused his consent on the ground that no third-class building of this nature could be allowed within the building limits, and that such a building did not fall within the definition in the law of a temporary wooden structure. The appellant contended that such a structure was of a

temporary nature since the plans for a permanent building to replace it were all finished and that the permanent building was to be erected as soon as funds for the purpose were available. The Board found that such a building, as a matter of fact, was temporary and, in view of the physical conditions surrounding the property, sustained the appeal.

CASE No. 107.

September 21, 1908.

The Building Commissioner declined to grant a permit to erect a mercantile building because the water-closet inclosures were not provided with adequate ventilation to the outer air either by a window or by a suitable light shaft as called for under section 12, chapter 550, Acts of 1907. The appellant contended in his appeal that the ventilation ducts and exhaust fans which were to be installed should be considered better than air shafts. He also contended that section 12, chapter 550, Acts of 1907, refers to buildings of habitation only. The Board sustained the appeal on the ground that the proposed ducts and exhaust fans constitute an equivalent method to that required under the law, even if section 12, chapter 550, Acts of 1907, applies to buildings of any class other than those of habitation.

CASE No. 108.

September 28, 1908.

The Building Commissioner refused a permit to erect a brick dwelling house outside of the building limits because the outside finish was to be of wood instead of fireproof material as called for in section 12, chapter 550, Acts of 1907. In his appeal the appellant contended that as the building was outside the fire limits it could be entirely of wood if so desired. The Board sustained the appeal on the ground that where the owner may lawfully construct his building entirely of wood, the fact that he elects to use brick for his external walls does not deprive him of his right to use wood for other parts of the external structure.

CASE No. 109.

September 28, 1908.

The Building Commissioner refused a permit to erect a double brick house separated by a party wall because the appellant proposed to construct a common light well

between the two houses by cutting out 4 feet of the party wall, contending that such a construction would be in violation of section 31, chapter 550, Acts of 1907. The appellant asked the Board to find that such common light well would not be in violation of section 31, chapter 550, Acts of 1907, nor a dangerous fire menace. A majority of the Board concurred with the contention of the appellant and sustained the appeal. A minority dissented.

CASE No. 110.

September 28, 1908.

The appellant asked to be relieved from the order of the Building Commissioner to remove a violation of the building law in a mercantile building. The violation consisted in the placing of a running trap in the main drain between the sewer and the building. The Building Commissioner contended that such a trap constituted an obstruction which was prohibited under section 122, chapter 550, Acts of 1907. The appellant in his appeal contended that such a trap was not an obstruction of the drain within the meaning of the statute. The Board found that a running trap is not an obstruction within the meaning of the law and therefore sustained the appeal.

CASE No. 79.

October 3, 1908.

The appellant asked to be relieved from the order of the Building Commissioner to provide additional means of egress from a brick lodging house four stories in height with a pitch roof constituting practically a fifth story. There were two occupants in the fifth story and ten in all above the first story. There is a scuttle in the roof with no access thereto; there is but one staircase from the basement to the fifth story and there are no means of escape from the roof to roofs of adjoining buildings. In view of the above facts the Board dismissed the appeal.

CASE No. 111.

October 21, 1908.

The Building Commissioner refused a permit to erect a third class dwelling house because one side of said dwelling house was to be placed nearer than 3 feet of the line of the adjoining wall without the required solid brick or concrete wall to form the said side. The

appellant in his appeal contended that he had provided a solid brick wall, but that at a certain point in the wall he had formed a recess 3 feet in depth and 4 feet in length, the walls inclosing such a recess being exterior walls and of brick with windows therein. He contended that such recess was 3 feet from the party line and therefore was not in violation of section 40, chapter 550, Acts of 1907. The Building Commissioner contended that the spirit of the law required a solid brick or concrete wall on the party line from front to rear, and that the break in the wall as proposed did not constitute said wall a solid one. The Board concurred with the appellant and sustained the appeal on the ground that such a break in the solid wall was not of a character prohibited by the law.

CASE No. 112.

October 28, 1908.

The Building Commissioner refused to grant a permit to erect a mercantile building, basing his refusal upon the discretionary power given him in section 8, chapter 550, Acts of 1907. This mercantile building was to be constructed adjoining a new theatre, both buildings being under the same ownership, and it had been agreed at the time of the issuance of the permit to erect the theatre that a means of egress from the theatre should be provided under the said new mercantile building that would be satisfactory to the Building Commissioner. The reason of the commissioner's refusal was that the passageway shown under the proposed mercantile building was not the egress contemplated by the department when it approved the plan for the theatre, and it was not satisfactory because the appellant desired to provide doors and windows opening onto the above-mentioned passageway from the rear of the first story of the said office building and also from the basement of same to an area under said passageway, the floor over the area being the floor of the passageway and formed of iron gratings. The Building Commissioner contended that all these physical conditions contributed to the possibility of a panic should a fire in the mercantile building occur simultaneously with one in the adjoining theatre when prompt use of the passageway referred to as a means of egress would be required. The appellant in his appeal contended that the chance of a fire in the mercantile building occurring at the same moment as a panic in the theatre was a very remote probability and that he

should not be deprived of what benefit might accrue to his property by the use of doors and windows opening into said passageway. The further contention of the Building Commissioner was that the passageway in question would be used as a means of bringing in and taking out and storing boxes and other large freight, thereby causing the possibility of an obstruction in the said passageway at a time of panic. The Board agreed that the appellant had provided in his plans sufficient and satisfactory means of egress from the theatre and that the provisions for windows and doors from said mercantile building opening onto this passageway were not objectionable. Appeal sustained.

CASE No. 113.

October 21, 1908.

The Building Commissioner refused to grant an application to use 3-inch terra cotta blocks for partitions in a mercantile fireproof building, because the same would be in violation of section 33, chapter 550, Acts of 1907, which required terra cotta blocks to be not less than 4 inches in thickness. In his appeal the appellant contended that the law permitted 4-inch terra cotta partition blocks plastered on both sides to be built to a height of 15 feet, but in the case in question the appellant wished to use 3-inch terra cotta blocks plastered on both sides to a height of only 10 feet, and that such construction should be considered as an equivalent to that required under the law. The Board sustained the appeal on the ground that such construction in this specific case is an equivalent to that required in the law.

CASE No. 114.

November 8, 1908.

The appellant asked to be relieved from the order of the Building Commissioner to provide in an existing tenement house a ventilating skylight and doors into public halls with translucent glass panels, as called for under section 71, chapter 550, Acts of 1907. The Board found that so far as translucent lights in the doorways were concerned it is not required by the law and not contemplated by the law and therefore sustained the appeal. The Board found that the existing skylight was not a ventilating skylight and concurred with the Building Commissioner's order in this respect and dismissed the appeal.

CASE No. 115.

November 4, 1908.

The appellant asked to be relieved from the order of the Building Commissioner to make changes at No. 33 Clarendon street, which is an existing tenement house. The particular changes ordered were to provide glass panels in hall doors opening into private dark corridors in two tenements on two floors and to light the said private dark corridors by additional windows in the partition between the said corridors and the rooms of the tenement. The Board sustained the appeal on the ground that the provisions of this act were not intended to apply to this specific case, and acting under the discretionary power given the Board in section 7, chapter 550, Acts of 1907.

CASE No. 116.

October 28, 1908.

The Building Commissioner refused a permit to erect a mercantile building because the roof house on the proposed structure would exceed the dimensions allowed under section 18, chapter 550, Acts of 1907, namely: 12 feet square and 12 feet high. In his appeal the appellant contended that the building in question, being a modern office building, was to be equipped with gear traction electric elevators of a style necessitating the location of the elevator machinery on the roof, and that the penthouse is made as small as possible to accommodate the three machines to be used in the building. The Building Commissioner stated at the hearing that his objection was a purely technical one, based upon section 4, chapter 383, Acts of 1905, to which section 18, chapter 550, Acts of 1907, refers. The Board sustained the appeal on the ground that section 4 of chapter 383, Acts of 1905, did not make it clear that a structure of the dimensions proposed in this instance was prohibited, and that, further, the last sentence of the said section seemed to definitely permit it.

CASE No. 117.

November 18, 1908.

This appeal was withdrawn.

CASE No. 118.

December 12, 1908.

The appellant asked to be relieved from the order of the Building Commissioner to plaster the cellar ceiling

in an existing tenement house, on metal lathing, as required under section 49, chapter 550, Acts of 1907. The appellant contended that section 49, chapter 550, Acts of 1907, does not apply to altered buildings and, moreover, that such plastering would be unnecessary as there was to be no heat in the basement and the first story is occupied as a store, which intervenes between the basement and the tenements above and which thereby increases the protection of the occupants in the tenements in case of fire. A majority of the Board dismissed the appeal on the ground that the law was explicit and that there was no occasion to vary from it in this specific instance. A minority dissented.

CASE No. 119.

December 12, 1908.

This case is similar to those numbered 100 and 109. A majority of the Board sustained the appeal for the same reasons as stated in the other cases. A minority dissented.

CASE No. 120.

December 18, 1908.

The Building Commissioner refused a permit to build a block of four-story brick tenement houses because an inner court was not of legal dimensions and because in one of the buildings the windows of rooms did not open directly upon a street or public alley, or upon a passageway not less than 15 feet in width, or upon a court of the dimensions required, or upon a yard on the same premises as the houses. The appellant contended that the said windows would derive their light from a yard of adjoining premises under the same ownership, and that therefore they complied with the law. He contended that as the inner court, while not quite as large as the minimum permitted by law, would have an open passageway 3 feet wide from the court to a rear yard, such passageway should be considered an equivalent to the legal dimensions for an inner court. The Board concurred with the Building Commissioner that rooms in a tenement house could not, legally, derive their sole light from windows giving directly upon an adjoining lot and dismissed the appeal in that respect, and declined to consider the equivalent method for the inner court until such equivalent had been formally approved by the Building Commissioner. Appeal dismissed.

CASE No. 121.

December 26, 1908.

The Building Commissioner refused a permit to erect a department store because the stairs were not to be protected by fireproof inclosures as required under section 17, chapter 550, Acts of 1907. The appellant in his appeal contended that to inclose the stairs as literally called for under the said section would be a menace to public safety, and that the building as designed was amply equipped with fire protection. The Building Commissioner contended that the law intended, under section 17, chapter 550, Acts of 1907, to provide for inclosed stairs, including a landing on each floor, and that the interpretation of the appellant that such inclosures might start at the head and foot of each staircase without inclosing a landing on each floor was not in accordance with the intention or spirit of the law. A majority of the Board did not agree with the Building Commissioner's contention and sustained the appeal. A minority dissented.

CASE No. 122.

January 2, 1909.

The Building Commissioner refused to allow the omission of the fireproofing of steel columns and beams in a first-class factory. The appellant in his appeal contended that the factory in question would be surrounded by other first-class buildings; that the use of the building would be such that no possible fire could occur in the interior and that all the machinery in the building proper was to be of fireproof material, and that therefore such fireproofing would be unnecessary and would entail a great expense and would be an injustice. A majority of the Board agreed with the contention of the appellant and sustained the appeal. A minority dissented.

CASE No. 123.

January 2, 1909.

The Building Commissioner asked the Board to approve of the erection in a specific case of a house of habitation of second-class construction to cover more than 5,000 square feet of superficial area, but so separated by brick partition walls and fireproof doors as to divide the house into two sections, each of which did not exceed 5,000 square feet, this method to be considered as an equivalent to two houses not exceeding

5,000 square feet, each separated by a party wall with doorways therein protected by fireproof doors. The Board so approved in this specific case.

CASE No. 124.

January 9, 1909.

The appellant asked to be relieved from the order of the Building Commissioner to provide in an existing tenement house adequate ventilation for water-closet inclosures and to provide gas or electricity or doors with translucent glass panels for lighting the water-closet compartments, and to provide a ventilating skylight with ridge ventilators and also with fixed or movable louvers in the roof, as required under section 12, chapter 550, Acts of 1907. As to the ventilation of the water-closet inclosures, the Board sustained the appeal on the ground that it would be a manifest injustice to require the appellant to conform, at a very great expense, to the literal interpretation of the law. The Board sustained the appeal as to gas or electricity or translucent glass panels in the doors of the water-closet compartments, on the ground that the law does not apply to existing tenement houses. The Board sustained the appeal as regards the installation of ventilating skylight, with the proviso that the appellant shall conform to the provisions of section 66, chapter 550, Acts of 1907, requiring a small ventilating skylight, but allowing him to construct one of an area not greater than that of the existing skylight.

CASE No. 125.

January 27, 1909.

The Building Commissioner refused a permit to convert a wooden barn outside of the building limits into a small wooden dwelling house for a single family because the plans showed a building that, when altered, would be over thirty-three feet in height, with only one means of egress, in violation of section 35, chapter 550, Acts of 1907, which requires two means of egress in a building of this class. The appellant contended that said section 35 does not apply to such a building outside of the building limits. The Board so found and sustained the appeal.

CASE No. 126.

February 3, 1909.

The appellant applied for a permit to build an apartment house less than sixty-five feet in height of second-

class construction and covering less than five thousand square feet floor area. The Building Commissioner had refused a permit because the building showed six stories above the sidewalk. The appellant contended that the lower story should be construed as a basement, since it was a matter of no importance whether the floor of this lower story was six inches above the sidewalk or one foot or more below, and that the determining factor in this class of buildings was the maximum height allowed, which is sixty-five feet. The appellant asked the Board to find that the lower story in the said buildings is a basement. A majority of the Board found that such a lower story in this case is not a basement and dismissed the appeal. A minority dissented and sustained the appeal.

CASE No. 127.

February 27, 1909.

The appellant wished to erect outside the building limits an alleged double wooden house for habitation three stories in height, the area of the said house exceeding eighteen hundred square feet. The plans showed a six-apartment house so divided in some places by one brick wall and in other places by two brick walls that three apartments were to be on each side of said wall or walls. In the first story a common front doorway gave into a common entry inclosed on each side by a brick wall and covered with a fireproof ceiling. This entry led into a common staircase hall likewise inclosed by solid brick walls except that on each floor a doorway provided with metal-covered door and frame led to each apartment. Above the first story a single brick wall, separating the house into two equal parts, abutted against the brick walls inclosing the staircase hall. The Building Commissioner contended that this building would be a one tenement house, and, as it exceeded eighteen hundred square feet in area, would be illegal. (Section 51, chapter 550, Statutes 1907.) The appellant contended that in spirit it would be a double house and better than if it were divided by a single brick wall from front to rear with a staircase on each side of same. The Board, using its discretionary power, sustained the appeal on the ground that this was a specific case not contemplated in the law though covered by it. (Section 7, chapter 550, Statutes 1907.)

CASE No. 128.

February 27, 1909.

The appellants wished to erect a cold storage warehouse, and for the purpose of accommodating their elevator machinery and to prevent the influx of warm air down the elevator shaft asked permission to head over the elevator shaft on the line of the roof with concrete flooring, building a pent house above the same for the storage of elevator machinery, etc. This form of construction was objected to by the Building Commissioner as being in violation of section 38, chapter 550, Acts of 1907, which requires that the elevator shaft should run three feet above the roof and have a skylight in the same. A majority of the Board sustained the appeal on the ground that this was a specific case not contemplated by the law though covered by it. A minority dissented.

CASE No. 129.

February 27, 1909.

The appellant wished to erect a wooden house outside the building limits, in his back yard, and to place it so that two sides came within three feet of the party line, the third side on a party line with solid brick wall, and the fourth facing toward the street. The Building Commissioner refused to grant a permit because he contended that besides the front exposure there should be one other exposure at least ten feet wide in accordance with the provisions of the fifth paragraph of section 35, chapter 550, Acts of 1907. The appellant contended that section 35 did not apply to wooden buildings outside the building limits. The Board agreed with the Building Commissioner that section 35, so far as the exposure was concerned, applied to such a building and therefore dismissed the appeal.

CASE No. 130.

February 27, 1909.

The appellant wished to connect two buildings on opposite sides of a public way by means of a covered bridge, the flooring of which was to be about thirty-two feet above the street. The Building Commissioner felt that he had no authority to grant a permit and the Board concurred with the Building Commissioner that it had also no authority. Appeal dismissed.

CASE No. 131.

March 13, 1909.

The Building Commissioner refused to grant a permit to erect a double wooden house of habitation because the brick dividing wall is not shown extending to the front line of a two-story open porch which is common to both houses. In appealing from the decision of the Building Commissioner the appellant contended that the porch in question is not a part of the house. The Board found that it is not the intention of the law in this specific case to require the dividing brick wall to extend to the position contended for by the Building Commissioner, and therefore sustained the appeal.

CASE No. 132.

March 24, 1909.

The appellant asked permission to extend the basement and first story of his tenement house over the area of the existing back yard, the said basement and first story to be used for mercantile purposes. Owing to the peculiar physical conditions of his premises and of adjoining premises the Board found that none of said premises would be deprived of any existing light and air by the proposed extension, and, therefore, acting under its discretionary power, sustained the appeal on the ground that this is a specific case not contemplated by the law though covered by it.

CASE No. 133.

April 14, 1909.

The appellant wished to erect outside of the building limits an alleged double three-story brick dwelling. The Building Commissioner had refused a permit because such a structure he contended would be a one-tenement house and as such would not conform to the requirements of the law in various particulars. The plans showed a six-apartment house so divided in some places by one brick wall and in other places by two brick walls that three apartments were to be on each side of said wall or walls. A common front doorway led into a common staircase hall likewise inclosed by solid brick walls except that on each floor a doorway provided with metal covered door and frame led to each apartment. The appellant contended that in spirit this would be a double house and better than if it were divided by a single brick wall from front to rear with a staircase on each

side of same. The Board, using its discretionary power, sustained the appeal on the ground that this was a specific case not contemplated in the law though covered by it. (Section 7, chapter 550, Acts of 1907.)

CASE No. 134.

April 7, 1909.

The appellant asked permission to use concrete block construction for a one-story office structure covering less than one thousand square feet. The Building Commissioner had refused to grant a permit because the external walls were less than twelve inches thick in a building other than for habitation. The Board, using its discretionary power, sustained the appeal on the ground that this was a specific case not contemplated in the law though covered by it. (Section 7, chapter 550, Acts of 1907.)

CASE No. 135.

April 28, 1909.

The appellant asked permission to erect a three-story wooden dwelling covering practically the entire lot. The application for a permit had been refused by the Building Commissioner because of this fact. The Board concurred with the Building Commissioner and dismissed the appeal.

CASE No. 136.

April 28, 1909.

The Board concurred with the Building Commissioner in permitting an equivalent method of construction in regard to restricted area between adjoining buildings on the same lot.

CASE No. 137.

May 1, 1909.

The Board concurred with the Building Commissioner in permitting an equivalent method of construction, namely, the use of automatic flush valves supplied directly from the water service pipe for several water-closets on the fourth floor of an office building.

CASE No. 138.

May 8, 1909.

The appellant asked permission to alter an existing second-class building by adding one story to the present buildings and four stories in addition at the rear. The

appellant proposed to use the story above the first for mercantile purposes and the third and fourth stories for meeting and assembly halls. The Building Commissioner refused to grant a permit because there were several halls or assembly rooms with an aggregate capacity in excess of the number of persons (600) allowed to be assembled in a building of second-class construction. In their formal application the appellants stated that there were to be halls and meeting rooms on each floor. The Board dismissed the appeal.

CASE No. 139.

May 8, 1909.

The Building Commissioner refused to grant a permit to erect a building for habitation because the external walls were to be less than twelve inches in thickness and the outside finish to be of other than incombustible material. The appellant proposed to use seven-inch hollow, vitrified terra cotta tiles reinforced by steel and concrete and contended that this method of construction was more substantial than that prescribed in section 12, chapter 550, Acts of 1907. The appellant contended that a wooden cornice should be allowed as the building was outside of the building limits. The Board found the contention of the appellant sound in both particulars and sustained the appeal.

CASE No. 140.

May 8, 1909.

The Building Commissioner asked the Board to concur with him in allowing an equivalent method of construction, as follows:

Abraham Blander made application for permit to build five tenement houses and stores on Dover street, numbered 209-211, 213-215, 217-219, 221-223 and 225-227, respectively. The building 209-211 is on the westerly end of the proposed block, and on the westerly side of this building are windows lighting rooms. In order to satisfy the provisions of section 63, chapter 550, Acts of 1907, the said Abraham Blander agrees to keep open a space, greater than is required by law, described in an agreement and survey registered with the Suffolk Registry of Deeds. The open space described in the agreement is an open space required and provided for the several buildings facing on Harrison avenue. In the

case of the other four buildings there are, between each group of two, inclosed courts, which courts should be eight feet wide by sixteen feet long on the land of each building, or sixteen feet square for the two. The appellant proposes to have a court thirteen feet by sixteen feet with an opening three feet wide between the two buildings running from the court to the yards at the rear of the buildings. The Board found that the alleged agreement of Abraham Blander was of no legal value and did not accept the equivalent method of construction in this instance. In regard to the arrangement of the courts, the Board concurred with the Building Commissioner in permitting the equivalent method of construction.

CASE No. 141.

May 26, 1909.

The appellant asked permission to make alterations in a theatre of second-class construction. She proposed to construct five or six bedrooms in the loft of a theatre building over the stage and auditorium to be used as sleeping rooms for servants in connection with a hotel adjoining. These rooms were to have access to the said hotel by means of iron balconies. The Building Commissioner contended that the proposed construction would be extremely dangerous and should not be permitted in a theatre of second-class construction. The Board agreed with the Building Commissioner and dismissed the appeal.

CASE No. 142.

June 12, 1909.

The Building Commissioner asked the Board to concur with him in approving means of ingress and egress in a first-class structure. The Board concurred with the Building Commissioner in approving means of ingress and egress.

CASE No. 143.

June 12, 1909.

The Building Commissioner asked the Board to concur with him in granting an equivalent method of construction, namely: The erection of a building exceeding five thousand square feet, to which buildings of second-class construction adapted for habitation are restricted by law, the building being so divided by brick walls that no area within the building exceeded five

thousand square feet. The Board concurred with the Building Commissioner in the specific case and granted this equivalent method of construction.

CASE No. 144.

June 16, 1909.

The appellants asked permission to erect a two-story structure, exceeding twenty-seven feet measured from the wharf, adjoining an existing one-story shed. The upper portion was to be entered on the upper story from the level of the new Charlestown Bridge, while the lower story would be entered from the grade of the Warren Bridge. The Building Commissioner contended that a building of this nature on a wharf should not exceed twenty-seven feet in height measured from the wharf. The appellant contended that the height should be measured from the mean grade of all the streets on which the building abuts. The Board found that this was a specific case not contemplated by the law though covered by it, and acting under the discretionary power granted under section 7, chapter 550, Acts of 1907, the Board sustained the appeal.

CASE No. 145.

June 26, 1909.

The Building Commissioner refused to grant a permit to make alterations in a double wooden dwelling house because the proposed balcony on the rear of each house was nearer than three feet from a constructive lot line. The plans showed a balcony of two stories at the rear of the double house with one exterior wooden staircase from the second story of said balcony to the ground, and an exit from the second story of each half of the double house onto said balcony, also from the first floor of each part to the first floor of the said balcony. The Building Commissioner contended that the alleged double house being two houses, the two balconies should not be continuous but should be six feet apart. The Board found that whether the alleged building be considered as one double house or as two separate houses the proposed construction would be no more hazardous than if the building were one dwelling, and if it were one dwelling the balcony as proposed would be permissible. The Board sustained the appeal.

CASE No. 146.

June 26, 1909.

The appellants asked permission to alter an existing building in such manner as to provide on the first floor a banquet hall or dining room for members of a lodge; on the second floor a billiard room; on the third floor a lodge room which would accommodate somewhat over six hundred persons, allowing six square feet to each person as required by law. The Building Commissioner contended that the two halls or assembly rooms would contain collectively more than eight hundred persons. The appellants contended that this lodge room was not an audience hall, and a lodge room required a large area of the hall to be devoted to purposes other than that of seating. The Board sustained the appeal on the ground that this building when altered was to be used as a private club and the requirements regarding the equipment of lodge rooms are such as to preclude a seating capacity of 600. Appeal sustained.

CASE No. 147.

July 7, 1909.

The Building Commissioner refused a permit to alter premises as the yard or court was of less size than required by law. The appellant proposed to extend the store on the first story so that it would cover and include an existing yard space approximately ten feet by twenty feet. The yard was surrounded on two sides by the main building in question; on the third side by a blank wall of an adjoining house, and on the fourth side by the retaining wall of a public school yard, the top of which wall is about seven feet above the grade of the said yard. The appellant proposed to erect over this yard a one-story structure, the roof of which would be six feet six inches above the top of the school yard wall above referred to. The Board found that the proposed alterations would not deprive any adjoining premises or any of the apartments above the first story in the house under consideration of light or air, and, furthermore, the proposed alteration would be an improvement upon the property, as the present yard, which is now a pit practically surrounded on four sides, would be eliminated and the roof of the addition would be a more desirable substitute. The Board finding this to be a specific case

not contemplated by the law though covered by it, and acting under the discretionary power granted in section 7, chapter 550, Acts of 1907, sustained the appeal.

CASE No. 148.

July 14, 1909.

The appellant proposed to erect a church of second-class construction containing an auditorium that would seat over eight hundred persons, the floor of which auditorium is about seven feet above the grade of the street. At present it is proposed to erect only the basement, using the future first floor as a roof to same. The Building Commissioner contended that section 105, chapter 550, Acts of 1907, included churches within the meaning of the words "a hall or assembly room to contain a public audience," and that therefore the church should be of first-class construction. The church is to be built on a large lot with very few buildings (and those small in size) within the immediate neighborhood. The Board sustained the appeal on the ground that in this specific case, in view of all the circumstances surrounding same, it would be a hardship and an injustice to require a church of first-class construction.

CASE No. 149.

July 21, 1909.

The appellant asked permission to connect two adjoining existing houses at 56 and 58 Spring street so as to make one tenement house, four stories in height, and to extend premises at 56 Spring street to the rear, leaving a twelve-foot yard back of the new rear wall. Windows in this ell, as well as windows lighting bath-rooms and hallways in No. 58, derive their light from a fourteen-foot yard or court, twelve feet of which constitutes a back yard to premises which face at right angles to the house in question on Allen street and is owned by the appellant. As by law this twelve feet of back yard could not be built over by extending the said premises that face on Allen street, sufficient amount of light and air is provided in premises at 56 and 58 Spring street. The Board, finding this to be a specific case not contemplated by the law though covered by it, sustained the appeal.

CASE NO. 150.

November 24, 1909.

The attorney for the appellant explained to the Board that the property in question would in all probability be taken by the Boston Elevated Railway Company. The Board suspended the case, pending action of the Boston Elevated Railway Company.

CASE NO. 151.

August 23, 1909.

The Building Commissioner refused to grant a permit for the erection of a cotton manufacturing mill and weave house because the spaces inside the buildings were in excess of the required area, and the floors so constructed as to carry safely less than one hundred twenty-five pounds per superficial square foot as required for light manufacturing. The appellant contended that to reduce the areas by division walls even to maximum areas of twenty thousand square feet would seriously hamper the operation of the proposed cotton mill and increase the running expenses and thereby put the mill to a disadvantage in competition with similar mills elsewhere. In regard to the floor loads the appellant contended that a provision of strength sufficient to carry a load of seventy-five pounds per square foot was the standard adopted in all other mills throughout the country as the result of long experience in mill construction. The number of persons on each floor area of sixty thousand square feet would not exceed four hundred. The Board found that to reduce the floor areas by division walls would seriously hamper and interfere with the operation of the proposed mill and weave house and would increase the running expenses and thereby put the mill to a disadvantage in competition with similar mills elsewhere. The proposed mill requires unrestricted floor areas or spaces such as are designated by the appellant. The Board also found that floors so constructed as to carry a live load of seventy-five pounds per square foot were sufficient in this case. The Board sustained the appeal in both particulars.

CASE NO. 152.

August 23, 1909.

The Building Commissioner refused a permit to erect a wooden dwelling house because there is a break

in the party wall. The appellant wished to make a break in this party wall three feet in length, and to build in from this break a wall or court three feet by four feet in area, in which there would be windows lighting the toilets and pantries. The commissioner contended that in the case of a wooden dwelling upon a party line, the wall should be solid brick or concrete. The appellant contended that the three sides of the light well were practically external walls and that being such, and not upon a party line, it was permissible to construct them of wood, providing the studding was brick nogged and wire lath and plaster applied to the outer surface, which the appellant intended to do. A majority of the Board found that, provided the appellant constructed his walls inclosing the light well of brick and his window frames and sashes of metal with wired glass in the sashes, he would be complying with the spirit of the law. Appeal sustained.

CASE No. 153.

August 23, 1909.

The Board concurred with the Building Commissioner in permitting an equivalent method of construction in regard to yards and courts for certain specific tenement houses where peculiar conditions existed.

CASE No. 154.

August 23, 1909.

The Building Commissioner refused to grant a permit to erect an electric substation because the structural metal supporting or forming part of the frame roof or columns was not protected against the effect of heat. Built into the external walls, which were of brick and concrete, were steel plate columns, built partly in and partly beyond the inner surface of the exposed walls, so that a portion of each column was exposed within the building. The Building Commissioner contended that these exposed portions should be fire protected as required by law. The Board found that it would be a manifest injustice to require the fireproofing of these columns, and sustained the appeal.

CASE No. 155.

September 8, 1909.

The Building Commissioner refused to grant a permit to alter a second-class business building because

the proposed building was to have penthouses on the roof slightly exceeding in size and height the maximum permitted under section 4, chapter 383, Acts of 1905. The appellants contended in their appeal that these penthouses of the dimensions shown were necessary to accommodate the machinery for electric elevators, which condition had not been contemplated in passing the said Act of 1905. The Board found that as there seemed to be no practical objection to the proposed construction it would be a manifest injustice in this specific case to prohibit such erection.

CASE No. 156.

September 2, 1909.

The Building Commissioner refused to grant a permit to make alterations in an existing tenement house because an inner court would not be of legal minimum dimensions. The appellant proposed to use the court for lighting rooms in two adjoining houses and proposed to file deeds to permanently restrict the area of the court for the benefit of one of the houses. The Board found that the deeds submitted would not secure such restriction, and dismissed the appeal.

CASE No. 157.

September 2, 1909.

The Building Commissioner refused to grant a permit to build a tenement house of second-class construction because it extended from a street to an alleyway less than fifteen feet wide and there was to be no back yard — a violation of section 56, chapter 550, Acts of 1907. The alleyway in question is about eleven feet wide. The appellant contended that said alley is a street or public highway and if so it would be legal for him to build as proposed. The appellant submitted duly attested copies from the Board of Street Commissioners and from the records of the Mayor and Aldermen that the said alleged street is a highway of the City of Boston. The Board found as a fact that the alleged street is a legal street and that therefore by the provisions of section 56, paragraph 3, the appellant could not be required to provide a yard at the rear of his premises. The appeal was sustained.

CASE No. 158.

September 8, 1909.

This appeal is similar to Case No. 155 and the appeal was sustained for the same reason.

CASE No. 159.

September 15, 1909.

The Board concurred with the Building Commissioner in permitting an equivalent method of construction in regard to yards and courts for certain specific tenement houses where peculiar conditions existed.

CASE No. 160.

September 25, 1909.

The appellant asked permission to install new plumbing in an old brick building to be altered into a theatre and to use the brick drains existing under the basement floor of said old building. These drains already serve and will continue to serve several abutting buildings belonging to different owners. The Building Commissioner refused a permit because the new plumbing in the said altered building could not by law enter the said drain in the basement but must consist of iron drains running ten feet beyond the wall of the old buildings and there be connected with the said brick drain. The existing drain so far as it has been examined is in good condition. The Board found that in this specific case it would be a manifest injustice to refuse the issuance of a permit to do this plumbing and to connect into the said drain, provided that such brick drain was found to be or left in a condition satisfactory to the Building Commissioner, and sustained the appeal.

CASE No. 161.

September 22, 1909.

The Building Commissioner refused a permit to erect a double brick house separated by a party wall because the appellant proposed to construct a common light well between the two houses by cutting out four feet of the party wall, contending that such a construction would be in violation of section 31, chapter 550, Acts of 1907. The appellant asked the Board to find that such common light well would not be in violation of section 31, chapter 550, Acts of 1907, nor a dangerous fire menace. A majority of the Board concurred with the contention of the appellant and sustained the appeal.

CASE No. 162.

September 22, 1909.

The appellant applied for a permit to unite two existing wooden buildings, the first story to be of brick. The

total area of the reconstructed building would be in excess of that permitted for wooden tenement houses. The appellant contended that the building would be a composite building when altered and therefore would not come under the requirements for wooden buildings. The Board sustained the appeal in this specific case.

CASE No. 163.

October 20, 1909.

The appellant applied for relief from the complaint of the Building Commissioner that the floor timbers entered eight-inch walls instead of being supported on corbels or by iron hangers as required by section 34, chapter 550, Acts of 1907. The appellant proposed to support his floor timbers upon four inches of the eight-inch external walls, contending that such a form of construction was legal. The Building Commissioner contended that such construction was illegal and undesirable. A majority of the Board found that section 34, chapter 550, Acts of 1907, did not permit of the construction proposed and dismissed the appeal. A minority dissented.

CASE No. 164.

October 20, 1909.

This application was withdrawn.

CASE No. 165.

October 20, 1909.

The Building Commissioner asked the Board to approve of the erection in this specific case of a house of habitation of second-class construction to cover more than five thousand square feet of superficial area, so separated by brick partition walls that no area within the building exceeded five thousand square feet. A majority of the Board did not concur with the Building Commissioner. A minority concurred with the Building Commissioner.

CASE No. 166.

November 1, 1909.

The appellant proposed to enlarge an existing roof house. The Building Commissioner refused a permit because the proposed enlargement would be in violation of section 4, chapter 383, Acts of 1905. The appellant proposed to install an electric elevator, the machinery of which would be placed on the roof at about the present location of a tank used in connection with a sprinkler

system. The location of the tank would have to be changed by moving it some twelve or thirteen feet from its present location, thereby increasing the new structure one hundred and sixty-seven square feet over the area of the present house. The Board found that there was no practical objection to the proposed enlargement of the present roof house and that it would be a manifest injustice in this specific case to prohibit such enlargement. The appeal was sustained.

CASE No. 167.

November 3, 1909.

This case is the same case which was submitted to the Board in August, numbered 156. The Board found that under sections 59-62 and 63 of chapter 550, Acts of 1907, the appellant had not brought himself within the provisions of the law and the Board saw no reason for using their discretionary power and dismissed the appeal.

CASE No. 168.

November 3, 1909.

The appellant asked relief from the order of the Building Commissioner that there were not a sufficient number of water-closets at premises 169 Endicott street. The Board agreed with the Building Commissioner and dismissed the appeal.

CASE No. 169.

November 10, 1909.

The Building Commissioner refused to grant a permit to erect a tenement house of second-class construction because the area of an inner court, to be used by the two houses in common, was less than required by law for each house. It was found as a fact that if of first-class construction the two buildings would be considered as one and the light court would be of legal size. The Board found therefore that the spirit of the law had been complied with and sustained the appeal.

CASE No. 170.

November 10, 1909.

The Building Commissioner refused to grant a permit to erect a tenement house because there was to be no back yard behind the same and no outer court in place of such yard. The house in question was one of those referred to in Case No. 169. The appellants contended

that were this building and the one referred to in Case No. 169 considered as one building the lighting would be legally provided for and it would be unjust to require a strict technical observance of the law in this case. The Board found this to be a specific case not contemplated by the law though covered by it and sustained the appeal.

CASE No. 171.

November 10, 1909.

The Building Commissioner refused to grant a permit to erect a store and office building because the roof house to contain the elevator machinery would be in excess of the maximum permitted under section 4, chapter 383, Acts of 1905, and in place of the skylight required by law the appellant proposed to vent the elevator well by a horizontal duct above the roof line, which duct terminated in a large opening provided with a pivoted metal sash and frame and fusible link. The Board found that as there were no practical objections to the construction of the roof house it would be a manifest injustice to forbid it and sustained the appeal in this particular. In regard to the horizontal vent duct the Board found this to be a specific case not contemplated by the law though covered by it and sustained the appeal in this particular also.

CASE No. 172.

November 20, 1909.

The Building Commissioner refused to grant a permit to erect a three-story brick tenement house of second-class construction on the ground that the proposed construction was two houses and the light exposure was insufficient to comply with the law. The building in question is to have two exits, to be less than five thousand square feet in area, and is to be separated by a division wall into two portions above the basement. The Building Commissioner contended that such an arrangement constituted two houses, and if said building was considered as two houses neither house would have the legal amount of light exposure. The appellant contended that as his total area did not exceed five thousand square feet as permitted by law it was immaterial whether there were two entrances or one, and the building as a whole should be considered one house having ample exposure. The Board sustained the appeal on

the ground that the proposed structure was one building and that therefore the exposure proposed would be legal.

CASE No. 173.

November 24, 1909.

The Building Commissioner refused a permit to erect two wooden dwelling houses in a block separated by an eight-inch wall because the said brick wall did not extend to the front line of a connecting piazza as required in section 40, chapter 550, Acts of 1907. The appellant contended that such a piazza should not be considered as a part of the building proper. The Board agreed with the appellant in this specific instance, and sustained the appeal.

CASE No. 174.

November 24, 1909.

The Building Commissioner asked the Board to concur with him in allowing an equivalent method of construction, namely: The erection of a building exceeding five thousand square feet to which buildings of second-class construction adapted for habitation are restricted by law, the building being so divided by brick walls that no area within the building exceeded five thousand square feet. The Board concurred with the Building Commissioner in this specific case and granted this equivalent method of construction.

CASE No. 175.

November 24, 1909.

The Board concurred with the Building Commissioner in permitting an equivalent method of construction in regard to yards and courts for certain specific tenement houses where peculiar conditions existed.

CASE No. 176.

December 11, 1909.

The Building Commissioner asked the Board to concur with him in approving an equivalent method of construction in regard to an arrangement of court and open passage common to two houses. The Board concurred with the Building Commissioner in approving the equivalent method of construction.

CASE No. 177.

December 2, 1909.

The Building Commissioner refused to grant a permit to erect a manufacturing building of second-class con-

struction because the proposed building was to exceed seventy-five feet in height. The appellant contended that it should be allowed as it was to be connected with an existing similar building over seventy-five feet in height and because the proposed building was to be isolated from neighboring structures and to be built on the extreme outskirts of the city. The Board sustained the appeal.

CASE No. 178.

December 29, 1909.

The Building Commissioner asked the Board to concur with him in allowing an equivalent method of construction, namely: The erection of a building exceeding five thousand square feet to which buildings of second-class construction adapted for habitation are restricted by law, the building being so divided by brick walls that no area within the building exceeds three thousand square feet. The Board concurred with the Building Commissioner in this specific case and granted this equivalent method of construction.

CASE No. 179.

January 26, 1910.

The Building Commissioner refused to grant a permit to alter premises as the outer court was of less size than required by law. The Board found that the general spirit of the law would be complied with and acting under the discretionary power granted in section 7, chapter 550, Acts of 1907, sustained the appeal.

CASE No. 180.

February 2, 1910.

The Board concurred with the Building Commissioner in permitting an equivalent method of construction in regard to yards and courts in a tenement house where peculiar conditions existed.

CASE No. 181.

February 19, 1910.

The Building Commissioner refused to grant a permit to erect two three-family houses because the length of the back yard was insufficient. He contended that such length should equal the average width of the building. The Board dismissed the appeal.

CASE No. 182.

March 2, 1910.

The Board concurred with the Building Commissioner in granting an equivalent method of construction in regard to thickness of external walls.

CASE No. 183.

March 2, 1910.

The plans for an apartment house showed outer courts 6 feet in width by 64 feet in length. The Building Commissioner refused to grant a permit to build on the ground that such courts should be not less in width than one-eighth the length, *i. e.*, in this case 8 feet (section 58, chapter 550, Statutes 1907). The house in question is to be not over fifty feet in height and because of this fact the appellant contended that the provision in section 58 as to width does not apply, as by a semicolon in the fifth line of said section houses not exceeding fifty feet in height are exempted. The majority of the Board sustained the appellant. A minority dissented.

CASE No. 184.

March 5, 1910.

The appellant asked relief from the order of the Building Commissioner to test concrete piles according to wording of the law in section 20, chapter 550, Acts of 1907. The Board, finding this to be a specific case provided for in section 7, chapter 550, Acts of 1907, and that it would be a manifest injustice to require a strict compliance with the law, sustained the appeal.

CASE No. 185.

March 5, 1910.

The appellants wished to erect on top of a building a roof garden constructed as a pergola, a penthouse 24 feet by 36 feet of fireproof construction for a serving room in connection with an outdoor restaurant on the roof, and increase the height of the penthouse for elevator machinery. The Board sustained the appeal in regard to the pergola and increased height of the penthouse for the elevator machinery, and dismissed the appeal in regard to the proposed penthouse 24 feet by 36 feet, on the ground that a structure of such size and character would be too wide a departure from the law in this particular.

CASE No. 186.

March 5, 1910.

The appellant asked permission to erect at the rear of two existing houses separated by a brick partition wall, and to connect therewith a five-story structure for habitation. The said structure on one side was to be 10 feet from the rear wall of the existing buildings instead of 12 feet as required by law; the said structure to be connected with the existing buildings on each story through a staircase hall which is now the rear staircase hall used in common by the said buildings. There is no connection between the existing house except through an opening in the brick wall in the basements. The Building Commissioner objected to granting a permit on the ground that the new structure would constitute a part of the existing houses which would altogether exceed five thousand square feet of floor area permitted by law. The Board found that the new structure would not in effect be a part of the existing buildings provided fire doors were installed in connecting brick wall openings, and therefore sustained the appeal with such proviso and with the further proviso that the space between the new and existing structures be 12 feet instead of 10 feet.

CASE No. 187.

March 9, 1910.

The appellants desired to omit the fire protection on the under side of the overhang of the roof on a fire engine house constructed of brick. As a wooden building for this purpose in this district would be permissible under the law, the Board found that the appellants have a right to omit the fire protection and sustained the appeal.

CASE No. 188.

May 9, 1910.

The appellants asked permission to erect movable observation stands of wood in a brick building to be used as a skating rink and for exhibition purposes. A majority of the Board sustained the appeal on the ground that provided the passageway under the observation stand was protected with fireproof covering the requirements necessary for strength and stability of the structure and for the safety of the occupants had been complied with. A minority dissented.

CASE No. 189.

March 9, 1910.

The appellant desired to make alterations in two existing tenement houses by removing rear brick walls on the first story and extending the stores over the area of the back yard. The Board found that none of the adjoining premises or any of the apartments above the first story in the building in question would be deprived of light and air by the proposed extension and, acting under the discretionary power granted the Board, sustained the appeal on the ground that this is a specific case not contemplated by the law though covered by it.

CASE No. 190.

March 19, 1910.

The appellant proposed to erect on top of an existing building of second-class construction a roof garden twenty-three feet by one hundred and eighteen feet, with a height of twelve feet, inclosed by fireproof material. The Board found that the proposed structure would not be a roof garden but an additional story and a wide variation from the technical provisions of the law and therefore dismissed the appeal.

CASE No. 191.

May 9, 1910.

The Building Commissioner refused to grant a permit to add to the height of an existing building because the foundation was of rubble instead of block stone as required by the present building law. The building in question was erected over twenty-five years ago when rubble foundations were permitted and the walls were constructed with a view of increasing the height of the building in the future. The Board found that the walls were of sufficient strength to carry the additional load and sustained the appeal.

CASE No. 192.

March 9, 1910.

This case was a reconsideration of Case No. 181. The Board found this to be a specific case not contemplated by the law and that it would be a manifest injustice to require in this instance technical compliance with the law, and therefore sustained the appeal.

CASE No. 193.

March 16, 1910.

The appellant desired to carry the rear of his building to the extreme rear line of lot so that the rear of the premises abut directly upon an existing ten-foot private court. The appellant contended that if he had to set the rear of the building seven feet back from the rear line of lot, no benefit would accrue to the owner or occupants. A majority of the Board found this to be a specific case not contemplated by the law though covered by it and sustained the appeal. A minority dissented.

CASE No. 194.

March 9, 1910.

The appellant desired to erect upon the roof of a first-class building four steel masts for wireless telegraphy and a roof house exceeding the dimensions permitted by law. The Board found this to be a specific case not contemplated by the law though covered by it and, acting under the discretionary power granted the Board, sustained the appeal.

CASE No. 195.

March 23, 1910.

The appellant wished to convert an existing brick dwelling into a tenement house without conforming to all the requirements for new tenement houses. The Board found that this was not a specific case in which its discretionary power might be used and dismissed the appeal.

CASE No. 196.

March 23, 1910.

The Building Commissioner refused to grant a permit to make certain alterations because the proposed addition would decrease the minimum size of a rear yard. The Board found that the proposed alteration would not deprive adjoining premises or apartments above the first story in the house under consideration of light and air and therefore sustained the appeal.

CASE No. 197.

March 26, 1910.

The appellants desired to erect a school building, the walls of which would be in excess of height allowed for

walls of the thickness shown. The appellants contended that the walls were of ample strength and the floors were to be constructed of steel beams and concrete. The Board, acting under the discretionary power granted in section 7, chapter 550, Acts of 1907, found for the appellant and sustained the appeal.

CASE No. 198.

April 2, 1910.

The Building Commissioner refused to grant a permit to erect a tenement house of second-class construction because there was not to be at the rear of the building a 12-foot yard as required by law; the inner court was not of the dimensions required by law, and the party wall should extend above the roof of the store. The rear of the proposed structure abuts against the wall of a school yard. While the inner court was not to be of the dimensions required, its total area was to be greater than that required by law. The Building Commissioner contended that the proposed structure was two buildings and the party wall should extend above the roof of the store for one foot as required by law. A majority of the Board found that the court was practically an equivalent to that required by law, provided the width of court at the outer end were enlarged to six feet; that the 12-foot yard was not necessary as this is a specific case not contemplated by the law; and that the party wall must be carried above the roof of the store, and sustained the appeal. A minority dissented.

CASE No. 199.

April 2, 1910.

The Board concurred with the Building Commissioner in approving an equivalent method of construction.

CASE No. 200.

April 6, 1910.

The Building Commissioner refused to grant a permit to build new foundations and move an existing wooden house to the street line. The Board dismissed the appeal as no reasons were given to justify its consenting to a variation from the law.

CASE No. 201.

April 9, 1910.

The Board concurred with the Building Commissioner in approving an equivalent method of construction.

CASE No. 202.

April 6, 1910.

The appellant proposed to build on the rear of an existing brick building clothes dryers on each story, the vertical supports to be of steel, the floor and roof construction to be of wood and the staircase leading from the top floor to the ground also to be of wood. On the ground that it is undesirable and contrary to the law that any form of construction other than that of incombustible material for external walls and surfaces be used within the building limits, the Board dismissed the appeal.

CASE No. 203.

April 9, 1910.

The appellants proposed to erect two dwellings of third-class construction separated by a brick party wall. At each floor level the appellant proposed to build piazzas across a portion of the front of the two buildings. The Building Commissioner contended that the party wall should extend to the front line of said piazzas or they should be separated by a space not less than six feet. The Board found that the fire protection was not materially lessened by omitting such party walls and that section 40 does not prohibit such omission and sustained the appeal.

CASE No. 204.

April 27, 1910.

The appellant asked permission to use wood for outside finish in a building of otherwise second-class construction to be erected outside the building limits. The Building Commissioner's objection was merely technical. The Board sustained the appeal on the ground that the appellant had the right to build his entire structure of wood.

CASE No. 205.

April 27, 1910.

This is the same case which was heard April 2, 1910, with the exception that the width of court has been increased one foot throughout. A majority of the Board sustained the appeal. A minority dissented.

CASE No. 206.

April 27, 1910.

The appellant asked permission to omit in a large building of second-class construction, to be used for

public assembly, interior metal lathing and plastering against the wood planking used in the clearstory or monitor roof, as ordered by the Building Commissioner. As the balance of the main roofing material both above and below the said monitor roof consists, and lawfully, of unprotected wood planking resting on steel framing, the Board sustained the appeal.

CASE No. 207.

April 27, 1910.

The appellants asked relief from the order of the Building Commissioner that steel columns be fireproofed. The Board found that such fireproofing was necessary in this particular case and dismissed the appeal.

CASE No. 208.

May 7, 1910.

The appellants asked relief from the order of the Building Commissioner that the face brick be bonded with headers. On the first story in the building in question the appellants employed metal ties for bonding the face brick to the brick backing instead of bonding by brick headers as required by law. The Board decided that the brickwork laid before date of the complaint need not be removed, but in all other brickwork brick headers must be used.

CASE No. 209.

May 7, 1910.

The appellant applied for a permit to erect a first-class building for the storage and sale of merchandise, which application was refused as the party walls were not of the required thickness. The appellants proposed to support the floors independently by a method of cantilevers supported on piers, thereby decreasing the weight upon the party walls. The Board found that it would be a hardship and an injustice to put the appellant to the unnecessary expense of thickening the party walls and sustained the appeal.

CASE No. 210.

May 7, 1910.

The appellants asked permission to erect on the roof of an office building of first-class construction a pent house in excess of the area required by law. The Board

found for the appellant on the ground that this is a specific case not contemplated by the law though covered by it and, acting under the discretionary power granted the Board, sustained the appeal.

CASE No. 211.

May 7, 1910.

The Board concurred with the Building Commissioner in approving means of ingress and egress in a building of first-class construction.

CASE No. 212.

May 11, 1910.

The Building Commissioner refused to grant a permit as the party wall is not carried out to the front line of piazzas. The Board, finding that by omitting such party wall between piazzas, the fire protection would not be materially lessened and that section 40 does not prohibit such omission, sustained the appeal.

CASE No. 213.

May 11, 1910.

The appellants asked permission to fireproof partitions without entirely taking them down, by inserting between the wooden studding the usual fireproof blocks, filling all spaces solid. The Board sustained the appeal.

CASE No. 214.

May 11, 1910.

Application withdrawn.

CASE No. 215.

May 16, 1910.

The Building Commissioner refused to grant a permit to build a house of habitation on the ground that the same was a tenement house, and as such would not conform to all the legal requirements of the law. The Board found that the proposed building would not constitute a tenement house within the meaning of the law, as the apartments were not arranged so that the families could live and do their general cooking on the premises. The Board sustained the appeal.

CASE No. 216.

May 23, 1910.

The appellant proposed to erect a tenement house omitting the 12-foot back yard required by law, because

said tenement house would abut upon a public school yard, the school yard to be considered a public park within the meaning of the law, and as such no back yard would be required. The Board found that the public school yard was not a public park within the meaning of the law and dismissed the appeal.

CASE No. 217.

May 23, 1910.

The Building Commissioner presented an equivalent method of construction in regard to an inner court between two tenement houses. The Board concurred with the Building Commissioner in approving the equivalent method of construction.

CASE No. 218.

June 6, 1910.

The appellant asked permission to erect a church of second-class construction containing an auditorium that would seat more than eight hundred persons, which auditorium is about seven feet above the grade of the street. At present it is proposed to erect only the basement, using the future first floor as a roof to same. The Board sustained the appeal, with the proviso that the ceiling of the basement shall be of metal lath and plaster or other fire-resisting material.

CASE No. 219.

June 6, 1910.

The appellant proposed to erect a tenement house leaving at the back a yard 6 feet in depth instead of 12 feet as required by law. Beyond this 6-foot yard is a public school yard, the school being about twenty-five feet away from the wall of the yard. The Board found for the appellant in this specific case and sustained the appeal.

CASE No. 220.

June 11, 1910.

The appellant proposed to erect an office building ten stories in height. Certain stories in the building were to be left clear without partitions, while others were to be subdivided into small rooms. In these small rooms the appellant proposed to install washbowls in the most convenient location, such locations being generally found to be against an inner angle of each room. From such positions it would be difficult to vent from the

traps below the bowls and the appellant asked permission to use nonsiphoning traps and to omit the vents. The Board sustained the appeal in this specific case.

CASE No. 221.

June 25, 1910.

The Building Commissioner refused to grant a permit to make certain alterations in a dwelling house because the yard at the rear would not be of required dimensions. The Board sustained the appeal with proviso that a window at least fifteen feet square in area be placed in the rear wall of the kitchen.

CASE No. 222.

June 25, 1910.

The Building Commissioner refused to grant a permit to erect a tenement house upon a corner lot as there was to be no 6-foot yard or outer court open from the ground to the sky upon such corner lot, as required by law. The appellant proposed to leave a 6-foot court running the entire width of the building, above the first story, and to build his first story, for mercantile purposes, over his entire lot. Adjoining houses on both sides cover their entire lots which are the same depth as the one in question. In view of these conditions the Board, using its discretionary power, sustained the appeal.

CASE No. 223.

July 2, 1910.

The Building Commissioner refused to grant a permit to erect a tenement house as the means of egress were unsatisfactory. The appellant proposed to erect a three-story brick tenement house containing four apartments on each story and with two public interior stairways, each of these stairways to be accessible to every suite. As the plans did not reveal the alleged accessibility, the Board dismissed the appeal.

CASE No. 224.

July 2, 1910.

The appellants proposed to erect a tenement house of second-class construction three stories in height, one exterior wall to be located 2 feet away from the party line, leaving a clear passage from street to back yard of 2 feet for a distance of 41 feet in length and a width of 6 feet for the balance. From the 2-foot area the

appellants proposed to light bathroom and stairway hall. The Board, finding this to be a specific case not contemplated by the law though covered by it, sustained the appeal.

CASE No. 225.

July 9, 1910.

The appellant proposed to alter a tenement house, building the first story for mercantile purposes, clear to a public alleyway at rear of lot line. Above the first story the plans showed a set-back of the rear line of the house from the center of the said alleyway of 12 feet clear to the sky. Technically the 12-foot space should be open from the ground to the sky. It appeared that adjoining buildings on either side extend to the said alleyway and to a height of two stories, and that no premises would be deprived of light and air by the construction asked for by the appellant. The Board found this to be a specific case not contemplated by the law, and sustained the appeal.

CASE No. 226.

July 20, 1910.

The appellant applied for relief from the complaint of the Building Commissioner that (1) traps are not water sealed as required by law, and (2) the device used in lieu of a bell-shaped ferrule is not in accordance with the law. The Board dismissed the appeal in both particulars.

CASE No. 227.

July 20, 1910.

The Building Commissioner refused to grant a permit to make alterations in an existing corner tenement house as there was to be no yard or court in the rear of the building as required by law. The building in question is one of a block or blocks forming a hollow square around an interior open area. The existing house has a two-story ell abutting against the adjoining house, and a 6-foot court running under same from street to said interior open area. The appellant proposed to increase height of said ell to five stories. On the ground that such increase of height, without a 6-foot court at the back of the ell, would deprive the interior open area of air and so inflict damage upon all houses abutting upon this open area, the Board dismissed the appeal.

CASE No. 228.

July 27, 1910.

The appellant applied for relief from complaint of the Building Commissioner that the water-closet inclosure was not provided with adequate ventilation to the outer air, either by a window or by suitable air shaft. The appellant proposed to ventilate the water-closet compartment by a 6-inch pipe with revolving cap carried through the roof. The Board sustained the appeal with the proviso that a vacuum ventilator be installed at the top.

CASE No. 229.

August 6, 1910.

The appellant proposed to reserve a 6-foot yard across the entire width of his lot instead of a 12-foot yard across one-half of the width, covering the other half with an ell clear to an abutting 15-foot alley, which could lawfully be done. The physical situation of surrounding premises is such that the 12-foot yard for half the width only of the lot would be badly pocketed. The Board approved the substitute method, finding that the house in question would obtain thereby better light and air than by a strict compliance with the law, and also finding that no neighboring houses would be damaged.

CASE No. 230.

August 6, 1910.

The appellant asked the Board to overrule the decision of the Building Commissioner that a brick wall, built of diagonal headers in violation of the law, should be taken down and rebuilt. The wall had been built to the height of the second story when the order of the Building Commissioner was issued. The Board decided that the wall already built need not be rebuilt, but that further work must be done in accordance with the law, and dismissed the appeal.

CASE No. 231.

August 6, 1910.

The Building Commissioner refused to grant a permit to do plumbing in a mercantile building as "inclosures to contain water-closets are not provided with adequate ventilation to the outer air either by a window or a suitable light shaft." The appellant proposed to vent

certain interior water-closet inclosures on the first floor by means of ducts taken from the floors of said inclosures down to the ceiling of the basement just below and thence along the said ceiling into the boiler flue chimney. The Building Commissioner contended that this method of ventilation would be ineffectual when the boilers were not in use and the chimneys not heated. The Board sustained the appeal with the proviso that some device satisfactory to the Building Commissioner for heating the chimney flues when the boilers are not in use be installed.

CASE No. 232.

August 6, 1910.

The same premises as in Case No. 227, but now the appellant proposes to waive his existing right to retain the two-story ell abutting against the next house and to substitute therefor a five-story ell but stopping 3 feet short of the next house from the ground to the sky instead of 6 feet (the legal width). The Board sustained the appeal on the ground that the substitute proposed will afford more light and air to the interior open area than could be afforded by alterations within the letter of the law in conjunction with a continuance of the existing conditions which are within the legal right of the appellant.

CASE No. 233.

August 13, 1910.

The appellant applied for relief from the order of the Building Commissioner that work be suspended on a tenement house because the terms of the permit were not being complied with, to wit, no yard was provided behind the proposed building as required by law. This was the decision of the Building Commissioner in response to objections by an owner of abutting property that the appellant does not own a right in a passageway which the said appellant was proposing to utilize as the equivalent of a yard, and on which basis he had been granted his permit. The Board was asked by the appellant to determine the ownership of said passageway and the objectors were also heard. The documentary evidence presented consisting of title deeds and probate court records was complicated and extended back for a period of over one hundred years. The Board did not consider that it was its function to pass upon the legal questions involved, but it sustained the appeal on the

ground that what the appellant wished to do involved no change in a physical situation which has existed for over one hundred years, except perhaps to improve such situation.

CASE No. 234.

August 13, 1910.

The appellant proposed to erect a one-story addition in the back yard of an existing tenement house, leaving a 3-foot passageway around the outside wall of the proposed addition. The Board dismissed the appeal on the ground that section 62, chapter 550, Acts of 1907, expressly prohibits such a structure.

CASE No. 235.

August 24, 1910.

The appellant wished to add one room on each story of his existing tenement house by building said room into a portion of his back yard. He proposed to leave a depth of over 12 feet between the rear wall of the proposed addition and the rear line of his lot. Upon the side of said addition there will be an outer court 5 feet in width instead of 6 feet as technically required by law. The Board sustained the appeal with the proviso that the fire escape be located on the rear wall of the proposed addition.

CASE No. 236.

September 14, 1910.

The appellant asked permission to amend plans for a manufacturing building of first-class construction covering approximately 24,000 square feet in area and four stories in height. The original plan showed a brick partition dividing the building into two equal parts. The appellant's application to remove the brick partition was refused by the Building Commissioner because, by such omission, a clear area of approximately 24,000 square feet would be left, which is in excess of the area allowed by law, unless the building has a frontage of not less than 50 feet on at least two streets. The said building is surrounded on all sides by large open areas, the property of the appellant; is provided with a sprinkler system; has adequate means of egress and is located on the extreme outskirts of the city. The Board sustained the appeal on the ground that in view of all the circumstances of the case the physical situation is equivalent to the exact requirements of the law.

CASE No. 237.

October 8, 1910.

The appellant asked permission to install Flushometer valves under direct pressure. The Board sustained the appeal on the ground that this is a specific case not contemplated by the law though covered by it.

CASE No. 238.

October 8, 1910.

The appellant asked permission to omit the galvanized-iron cornice on a building of second-class construction. The appellants wished to use wooden brackets and jack rafters under the overhang of the roof. The Board found that the entire building might legally be constructed of wood and that it would be a manifest injustice to refuse permission to use the small amount of wood proposed in the cornice of the building.

CASE No. 239.

October 8, 1910.

Appeal from the order of the Building Commissioner to metal lath and plaster the walls inclosing the main staircases in an existing three-story house in process of alteration into a tenement house. A permit to alter has been granted, but owing to a misunderstanding as to the meaning of the law on the part of the appellant this metal lathing and plastering was omitted. As the house is all ready for tenants, to require the removal of the present plastering upon the partitions inclosing the staircases and the replastering on metal lathing would entail a great expense in the necessary delay thereby entailed. The Board found that it would be a manifest injustice to require any alteration in the present partition inclosing the staircase, and sustained the appeal.

CASE No. 240.

October 15, 1910.

The appellant asked permission to build a bakery under a portion of the basement of the rear premises of an existing tenement house, whose only exit is across the yard and through a passage under the tenement house in the front of the premises. The appellant proposes to extend the bakery 17 feet into the existing yard and to such a height that the roof of said addition would be approximately one foot above the grade of the yard.

He also proposes to reduce the grade of the yard to the grade of the sidewalk. Such arrangement would oblige the occupants of the rear premises to pass over the roof of the proposed bakery and descend a short flight of steps to the new yard grade and thence across the yard and under the passage aforesaid in order to reach the street. The proposed bakery is to be of fireproof construction and to conform to the requirements of the law. With the proviso that the appellant construct a ceiling of fireproof material to the aforesaid passage to the street satisfactory to the Building Commissioner the Board sustained the appeal.

CASE No. 241.

October 15, 1910.

The appellant asked permission to alter an existing three-family wooden dwelling house outside of the fire limits by erecting an open piazza upon the rear of each of the three stories, said piazza to be 7 feet in width by 18 feet in length. From these piazzas he proposes to build a wooden staircase from the third story to the ground. The Board found that the proposed piazzas would not constitute a portion of the building proper, but would be adjuncts thereto, and sustained the appeal in this specific case because of various contributory physical conditions.

CASE No. 242.

October 15, 1910.

The Building Commissioner asked the Board to concur with him in allowing an equivalent method of construction in regard to the extension of a building beyond the ten thousand square feet required in section 17, chapter 550, Acts of 1907. The Board concurred with the Building Commissioner.

CASE No. 243.

October 28, 1910.

The appellant proposed to erect an apartment house of second-class construction, five stories in height, and divide it into suites of various sizes. Upon the front of the house there will be three separate apartments, the central one of which is not provided with proper means of egress. The appellant proposed to construct balconies connecting the central apartment with the adjoining apartments. The partitions separating these apart-

ments are not of fireproof material. The Board found that the proposed balconies would not furnish adequate means of egress within the spirit of the law and dismissed the appeal. Appeal dismissed.

CASE No. 244.

October 28, 1910.

The Building Commissioner complained that the appellant had not provided suitable window to open air in a toilet room containing water-closet compartments. All such compartments are ventilated into a metal vent pipe approximately 20 inches square, carried up through the roof and topped with a vacuum ventilator, artificial light only being provided in the compartments. The Board found that the proposed ventilation was adequate and sustained the appeal.

CASE No. 245.

November 2, 1910.

The appellant asked permission to cut window openings in a party wall. The Board sustained the appeal with the proviso that the window frames and sashes in question be metal covered and the glass in the sashes be wired glass.

CASE No. 246.

November 9, 1910.

The appellants remonstrated against the issuance of a permit to install a 6 horse power engine in a dwelling house in a residential district. The Board found that the objections of the remonstrants were properly taken and ordered the Building Commissioner to refuse application for said permit.

CASE No. 247.

November 15, 1910.

The appellant appealed from the decision of the Building Commissioner that a window or suitable light shaft for ventilation to inclosure containing water-closet is not provided. The Board sustained the appeal with the proviso that the appellant adopt methods of ventilation suggested. The appeal was sustained conditionally.

CASE No. 248.

November 16, 1910.

The appellant proposed to restore a two-story wooden structure which was damaged by fire. The Building

Commissioner refused to grant a permit on the ground that to restore the building in question would exceed in cost 50 per cent of a like new building. After an inspection of the premises, the Board concurred with the Building Commissioner and dismissed the appeal.

CASE No. 249.

November 16, 1910.

The Building Commissioner refused to grant a permit to erect a repair shop for the Fire Department, as the building was not provided with reasonable means of egress. The building is completely fireproof and is furnished with one means of egress. The Board sustained the appeal provided an iron ladder or ladders from location satisfactory to the Building Commissioner were installed.

CASE No. 250.

November 30, 1910.

Case continued owing to legal questions.

CASE No. 251.

November 30, 1910.

The appellant applied for permission to restore the first story of a two-story wooden building, damaged by fire. A majority of the Board sustained the appeal provided the exterior walls be protected by metal covering.

This case was reopened on December 31, 1910. A majority of the Board sustained the appeal as stated above. A minority dissented.

CASE No. 252.

January 28, 1911.

The appellant asked permission to add a veranda on the second and third stories on the rear of an existing tenement house, said tenement house having a back yard 12 feet in depth. An uncovered veranda on a level with the first floor of the building, extending 6 feet into the back yard clear across the rear wall of the house in question, has already been built. On the ground that the proposed construction would deprive the bedrooms of no material amount of light and air; that in other respects such verandas would be a distinct benefit to the house in question; and that it would be a manifest injustice to refuse the application, the Board, using its discretionary power, sustained the appeal.

CASE No. 253.

January 28, 1911.

The appellant proposed to take out the existing stairs in a second-class building used as a retail store and put in new stairs, said new stairs to start from the first floor level and extend to the fifth floor, and to be inclosed in fireproof partitions with automatic fire doors at top and bottom on the second story up to and including the door at the head of the stairs on the fifth story. The Building Commissioner contended that the law intended, under section 17, chapter 550, Acts of 1907, to provide for inclosed stairs including a landing on each floor, and that the interpretation of the appellant that such inclosures might start at the head and foot of each staircase without inclosing a landing on each floor was not in accordance with the intention or spirit of the law. A majority of the Board did not agree with the Building Commissioner's contention and sustained the appeal. A minority dissented.

CASE No. 254.

January 28, 1911.

The Building Commissioner asked the Board to concur with him in approving means of ingress and egress in a first-class building. The Board concurred with the Building Commissioner in approving means of egress and ingress.

CASE No. 255.

January 28, 1911.

The Board concurred with the Building Commissioner in permitting an equivalent method of construction in regard to yards and courts for certain specific tenement houses where peculiar conditions existed.

CASE No. 256.

January 28, 1911.

The Building Commissioner refused to grant a permit to erect a dwelling house as "there is no exposure at least 10 feet wide as required by law." On the ground that this is a specific case, not contemplated by the law though covered by it, and using its discretionary power, the Board sustained the appeal.

CASE No. 257.

February 15, 1911.

The Board concurred with the Building Commissioner in permitting an equivalent method of construction in regard to openings in party walls where peculiar conditions exist.

CASE No. 258.

February 18, 1911.

The appellant proposed to alter an existing tenement house three and a half stories in height with an ell three stories in height by increasing the main building and also the ell to five stories in height. The Building Commissioner refused a permit because certain windows in the new rooms proposed would not open upon spaces required by law. The appellant contended that section 63, on which the Building Commissioner based his objection, applied to new structures and not to the alteration of an existing tenement house. Finding that the contention of the appellant was sound, the Board sustained the appeal.

CASE No. 259.

February 15, 1911.

The Building Commissioner refused to grant a permit to erect a double wooden house because the party wall did not extend to the front line of a connecting porch as required by the commissioner's interpretation in section 40, chapter 550, Acts of 1907. The appellant contended that such a porch with a roof should not be considered as a part of the building proper. The Board agreed with the appellant in this specific instance and sustained the appeal.

CASE No. 260.

February 18, 1911.

The appellant proposed to erect three adjoining brick tenement houses five stories in height. An outer court runs in from the back yard of the end house, a distance of approximately 18 feet and 6 feet in width. Two rooms on each story obtain their light from this court. Two rooms on each story of the adjoining house (separated from the end house by a 12-inch party wall) also derive their light from said court. The middle house is also provided with a similar 6-foot court, two rooms of

said house being solely lighted by said court and two rooms on each story of the third house also deriving their light from said court. These single rooms in the central and in the third house derive no light from their own premises, wherein lay the objection of the Building Commissioner. The Board dismissed the appeal on the ground that so much space was left for the back yards that the plans could be made to conform to the law without causing any hardship to the appellants.

CASE No. 261.

February 27, 1911.

The appellant asked permission to erect a penthouse upon the roof of a hotel for the accommodation of a ventilating system, the area of the penthouse to exceed the maximum permitted by law, namely, 12 feet square by 12 feet in height. In view of the uses to which this penthouse was to be put, and with the understanding that it was to be put only to such uses, the Board sustained the appeal.

CASE No. 262.

February 20, 1911.

The Building Commissioner refused to grant a permit to make proposed alterations in a hotel because "inclosures containing one or more water-closets are not to be provided with adequate ventilation to the outer air either by window or suitable light shaft." The Board found that the method of ventilation proposed was equivalent to that literally called for in the law and sustained the appeal.

CASE No. 263.

March 4, 1911.

The Building Commissioner refused to grant a permit to erect a small four-story tenement house as the proposed building was provided with no yard and the public halls were not lighted in the manner required by law. The lot in question is 14 feet in depth at one end, 20 feet at the other, and approximately 48 feet in length, upon a public street 17 feet in width. There are to be suites of three rooms and two rooms on each of the four stories, all such rooms being amply lighted from the public street aforesaid. Windows are to be cut in the rear wall of the premises in question, said wall abutting upon the rear lot line of adjoining premises. The stair-

case will be lighted by one of these windows in the rear wall and the staircase also receives light from above the ceiling of the water-closet compartment on each floor. The Board, finding that upon a lot of such small dimensions and shape it would be impossible to provide a 12-foot yard, that the staircase would be sufficiently lighted, and that this was a specific case not contemplated by the law though covered by it, sustained the appeal.

CASE No. 264.

March 8, 1911.

The Building Commissioner refused to grant a permit to erect a tenement house because the outer court, running in from the back yard, was not 6 feet in width for its entire length, as required by law. This outer court is 6 feet in width for two-thirds of the length of the court, but at the outer end of said court, near the yard, it is diminished to 4 feet. The entire court abuts upon a public school yard at least 100 feet wide. The Board sustained the appeal on the ground that there was but a slight deviation from the letter of the law and that the school yard would afford much more exposure than is legally required for tenement houses.

CASE No. 265.

March 15, 1911.

The Building Commissioner refused to grant a permit to erect a factory as the proposed factory would exceed the height permitted by law. Two-thirds of the frontage abuts upon a street 40 feet in width and the balance of the frontage abuts upon a street 80 feet in width. The height of a building on a 40-foot street cannot, lawfully, exceed 100 feet. The appellants proposed to erect their building to a height of 125 feet, contending that, if the street be of uneven width, the width should be the average width of the street opposite the building. On this basis the appellants could legally erect a building 125 feet in height. Finding the contention of the appellant to be sound, the Board sustained the appeal.

CASE No. 266.

March 15, 1911.

The Building Commissioner refused to grant a permit to erect a tenement house because the yard did not extend the entire width of the lot. The lot in question

is of very irregular shape, resembling the letter "L." The appellant has provided a rear yard of legal dimensions at the rear of one leg of the "L," but at the rear of the front portion, which is the other leg of the "L," no yard is provided. The Board dismissed the appeal on the ground that the yard, as contemplated, would be insufficient.

CASE No. 267.

March 15, 1911.

The Building Commissioner refused to grant a permit to make alterations in an existing tenement house as there was no yard provided at the rear. The premises in question abut upon the opening into the new subway, near Cambridge street. The appellants contended that section 56, chapter 550, Acts of 1907, authorized such omission, as the entrance to the subway should be considered as a "railroad right of way," because of the permanency of its character. On the ground that the contention of the appellant was sound, the Board sustained the appeal.

CASE No. 268.

March 25, 1911.

The appellant proposed to alter a three-story brick building by adding one story to the existing building, thereby converting said building into a tenement house, said tenement house having no yard at rear of premises, in violation of the law. After an inspection of the premises, the Board found no reason for deviating from the law in this case and dismissed the appeal.

CASE No. 269.

March 25, 1911.

The appellant asked permission to erect an addition, one story in height, to an existing three-story wooden dwelling on a sloping lot. The proposed addition would be in the basement, which is almost entirely out of ground. The Building Commissioner contended that, as the proposed addition is to be occupied as a store, the fire hazard would be slightly increased and that the building is really a four-story frame structure, which would be illegal for a new building of this character. The appellant contended that as partitions and ceilings are to be fireproofed the addition would not constitute a fire hazard and he was simply converting a portion of an existing basement into a compartment for mer-

cantile purposes. The Board, finding the contention of the appellant to be sound, sustained the appeal.

CASE No. 270.

April 3, 1911.

The Building Commissioner refused to grant a permit to erect a tenement house as no back yard was provided. The lot in question was L-shaped with a frontage on two streets and the appellant contended that, therefore, no back yard was required. The Board found that section 56, chapter 550, Acts of 1907, applied to a lot running from street to street, but not to exceed 150 feet. As the lot in question exceeds 150 feet the appeal was dismissed.

CASE No. 271.

April 3, 1911.

The appellant asked permission to increase the height of an ell of an existing tenement house. The Building Commissioner refused the application because the existing back yard is not of the lawful depth, and therefore no extension could legally be made in this case. The Board found that the law does not forbid the enlarging of an existing tenement house, provided the size of the lot is not thereby diminished, and sustained the appeal.

CASE No. 272.

April 5, 1911.

The Building Commissioner refused to grant a permit as no yard was provided in rear of premises. The premises in question abut upon a public school yard, and the appellant contended that such school yard was equivalent to a "railroad right of way, a cemetery or a public park," in view of its permanency. The Board, acting under the discretionary power granted in section 7, chapter 550, Acts of 1907, sustained the appeal.

CASE No. 273.

April 5, 1911.

The appellant asked permission to erect a tenement house on a corner lot with no yard across the rear of the lot. In lieu of the yard there is an existing 5-foot passageway or court running in from the street to beyond the rear of the premises in question. The appellant intended to dedicate 1 foot of his lot to the

enlargement of said 5-foot passageway. The Building Commissioner contended that the width of said passageway or court should be not less than one-eighth of its length (which is 75 feet), in accordance with section 58, chapter 550, Acts of 1907. The appellant contended that section 56 and not section 58 was applicable to this case, and that the minimum width of 6 feet therein described may be used regardless of the length of the court, and as said court or passageway is to be used in lieu of a yard the requirements in section 58 for inner and outer courts would not apply. The Board, finding the appellant's interpretation of the law to be sound, sustained the appeal.

CASE No. 274.

April 3, 1911.

The Building Commissioner refused to grant a permit to erect a tenement house as the means of egress required for tenement houses is not provided. The Board, finding that the egress provided was equivalent to the strict requirement of the law, sustained the appeal.

CASE No. 275.

April 5, 1911.

The Building Commissioner refused to grant a permit to erect a hotel as several roof houses and other structures erected above the roof line exceed the dimensions permitted by law, namely, 12 feet square and 12 feet high. None of the structures on the roof are to be used for any purpose other than for ventilation, elevator machinery, or to cover staircases to the roof. In view of the uses to which these penthouses are to be put and with the understanding that they are to be put only to such uses, the Board sustained the appeal.

CASE No. 276.

April 12, 1911.

This appeal being made under a misapprehension as to the facts in the case, the same was dismissed without prejudice.

CASE No. 277.

April 18, 1911.

Appeal was withdrawn.

CASE No. 278.

May 11, 1911.

The Building Commissioner ordered the appellant to provide additional means of egress in four dwelling

houses. The houses are three stories in height, with flat roofs; access from roof to roof is possible, and not more than eleven persons occupy each house above the first story. Provided that steps from the roof be extended down to the level of third floors and hand rails provided, and that the scuttles be counterweighted, the Board sustained the appeal.

CASE No. 279.

April 29, 1911.

The appellant asked permission to light certain new rooms in his existing tenement house by means of existing windows which open onto a yard belonging to adjoining premises. The Building Commissioner contended that as a new tenement house could not lawfully be erected with only such provision for light in any rooms, therefore it should not be allowed in the case of an alteration of an existing tenement house. The appellant contended that section 35 is applicable to this case and in that section, so long as rooms receive their light from certain sized areas outside of the walls, there is no prohibition of such areas being on premises not belonging to the house in question. The Board found that section 35 and not section 63 was applicable and sustained the appeal.

CASE No. 280.

May 20, 1911.

The appellant proposed to make alterations in a brick tenement house four stories in height. One window on each story receives its light from adjoining premises. The Building Commissioner contended that section 63, chapter 550, Acts of 1907, relative to requirements for new tenement houses, applied in this case. The Board found that section 35, chapter 550, Acts of 1907, relative to alterations of existing buildings, applied in this case and sustained the appeal.

CASE No. 281.

May 20, 1911.

The Building Commissioner refused to grant a permit to erect three tenement houses as no intakes were provided to the inner courts. In the center of each building is an area 16 feet by 32 feet (double that required by law), starting at the level of the second floor. Every suite on each floor opens from a street to this area and to provide intakes would seriously injure the plans.

The Board, finding this to be a specific case, and that it would be an injustice to require the appellant to provide intakes, sustained the appeal.

CASE No. 282.

May 31, 1911.

The Building Commissioner ordered the appellant to provide additional means of egress in four tenement houses of second-class construction. There is one staircase from the basement to the top story and a stairway leading to a large scuttle in the roof of each house. The roofs are flat and there is access to adjoining roofs. The number of occupants above the first story in each house does not exceed ten. A fire engine house is within a stone's throw. The Board, after inspecting the premises, concluded that the houses in question were supplied with reasonable means of egress in case of fire and sustained the appeal.

CASE No. 283.

May 24, 1911.

The appellant asked permission to erect a tenement house of second-class construction, three stories in height, to exceed by about 700 square feet the maximum 5,000 superficial square feet permitted by law. The building will be surrounded by open spaces of at least 25 feet on every side and on two sides by 40 feet wide streets. Such a structure not exceeding 5,000 square feet of ground area could be erected five stories in height and be within 10 feet of other buildings on two sides. On the ground that the building more than conforms to the spirit and intent of the law and is better than the law requires, and that it would be a manifest injustice in this specific case to refuse to grant a permit to the appellant, the Board sustained the appeal.

CASE No. 284.

July 1, 1911.

The plans in this case being incorrect, the appeal was dismissed without prejudice.

CASE No. 285.

July 15, 1911.

The appellant asked permission to erect a two-story dwelling, using 8-inch brick exterior walls. The total area of the building is about 1,975 square feet, an

excess of 375 square feet over the maximum permitted by law for a dwelling with 8-inch brick exterior walls. The Building Commissioners' refusal was technical. In view of various physical conditions pertaining to the premises, the Board found that it would be a manifest injustice in this specific case to refuse to grant a permit, and that what the appellant proposed is within the intent and spirit of the law. The Board sustained the appeal.

CASE No. 286.

July 15, 1911.

The appellant asked permission to alter a two-story wooden dwelling with an inhabitable mansard roof, which is not occupied, by raising the building and putting in a new first story. The Building Commissioner contended that the alteration would produce a wooden building to be used for habitation, more than three stories above the basement, which would not be lawful. The appellant did not propose to use the mansard roof for purposes of habitation and so long as he did not occupy the same for purposes of habitation he contended that it would be an injustice to deprive him of the opportunity of improving his property as set forth in his plan. On the ground that the contention of the appellant was sound, and with the understanding that the mansard roof is not to be occupied for habitation, the Board sustained the appeal.

CASE No. 287.

July 15, 1911.

The appellant asked permission to erect a theatre, omitting on one side of the auditorium the exact shaped and located open court or passageway required by law. Equivalent passageways were provided and the physical conditions surrounding the property precluded an exact compliance with the law. The Board, finding this to be a specific case not contemplated by the law, although covered by it, and that the spirit of the law would not be violated by the proposed variation from it, sustained the appeal.

CASE No. 288.

July 26, 1911.

The appellant asked permission to omit the fire-proofing of steel columns and steel floor beams in a two-story building of first-class construction, to be used as a station for reduction of voltage from an

electrical power plant. The Board found that the appellant could lawfully erect, for the purpose, a building of second-class construction, and that he, therefore, could not be required to conform to the provisions for a first-class structure and had a legal right to omit the fireproofing of columns and floor beams. The appeal was dismissed.

CASE No. 289.

Case still pending.

CASE No. 290.

July 29, 1911.

The Building Commissioner refused a permit to make alterations in a certain building because the exposure required by law would not be provided in certain rooms. The appellant contended that this was a case evidently not contemplated when the law was framed. The Board sustained the appeal, with certain provisos, on the ground that it would be an injustice to refuse a permit since the variations from the technical requirements of the law were very slight.

CASE No. 291.

August 10, 1911.

The Building Commissioner refused a permit to make alterations in an alleged third-class building, to be used after alterations as a house for habitation, because the exposure required by law would not be provided. The appellant contended that the building was not a third-class structure, but practically second class, and would be absolutely second class when certain alterations proposed in the plans have been accomplished. The Board sustained the appeal on the ground that there was no law prohibiting the proposed alterations in this instance.

CASE No. 292.

August 2, 1911.

The Building Commissioner refused a permit to erect a synagogue because the height of the building exceeded the maximum permitted by law, and because the external and party walls were of less thickness than was required by law. The appellant disputed both contentions of the Building Commissioner. The

Board found the contention of the Building Commissioner to be sound and dismissed the appeal.

CASE No. 293.

August 2, 1911.

The Building Commissioner refused a permit to build a tenement house because no intake was provided for the inner court. The appellant contended that no intake in this instance was necessary, and it would be an unnecessary hardship if it was required to be provided. The Board agreed with the Building Commissioner and dismissed the appeal.

CASE No. 294.

July 29, 1911.

The Building Commissioner refused a permit to build four dwellings because the exposure for certain rooms was less than that required by law, and because certain portions of the back yards of the premises were to be occupied by one-story ells. Board found that under section 35 such ells might be considered permissible and that the exposure for other rooms, while not technically that required by law, were provided with the equivalent exposure, owing to certain peculiar physical conditions surrounding the property. The appeal was sustained.

CASE No. 295.

August 10, 1911.

The Building Commissioner refused to grant a permit to build a tenement house because there would be no yard behind the building. The appellant contended that no yard was required behind a tenement house hereafter erected upon a lot less than 150 feet deep, running through from a street to an alley or open passageway not less than 15 feet wide, and he claimed that his lot met the above conditions. The Board, after an investigation of the premises, affirmed the decision of the Building Commissioner and dismissed the appeal.

CASE No. 296.

August 10, 1911.

The Building Commissioner refused a permit to make alterations in an existing three and one-half story wooden tenement house, because after alterations such house would be four stories in height, which is one story higher

than the law permits for wooden dwellings. The Board found that the appellant did not propose to increase the height of the building, but only to change the pitch roof to a flat roof, and that there was nothing in the law to prohibit his so doing and therefore sustained the appeal.

CASE No. 297.

August 10, 1911.

The Building Commissioner refused a permit to erect a tenement house because certain rooms would not be lighted as required by law. Owing to the physical conditions surrounding the property, namely, a schoolhouse yard on one side and a yard of a police station on another, the appellant contended that his rooms would be better lighted than technically required by law, and that he should be allowed the benefit of such physical conditions. The Board agreed with the appellant and sustained the appeal, after an inspection of the premises.

CASE No. 298.

August 14, 1911.

The Building Commissioner refused a permit to erect a sun parlor upon the roof of an existing hotel, because said hotel already exceeded in height and area what would be allowed for a new building for similar purpose. The appellant contended that what he proposed to do did not increase the height of the building nor its area nor in any way interfere with the light and air of adjoining property nor increase the fire hazard, and that there was nothing in the law prohibiting such proposed structure in the case of an existing building. The Board agreed with the appellant and sustained the appeal.

CASE No. 299.

August 30, 1911.

The Building Commissioner refused a permit to add a one-story ell at the rear of a tenement house, said one-story ell to be used for mercantile purposes, on the ground that no tenement house could be enlarged or its light diminished so as to decrease the minimum depth of yards prescribed for tenement houses in the law. Owing to the fact that adjoining premises were also utilized for mercantile purposes in the same manner as desired by the appellant, and after an inspection of the premises, the Board sustained the appeal.

CASE No. 300.

August 30, 1911.

The Building Commissioner refused a permit to erect a hotel because there was no ventilation to the outer air by window or suitable light shafts for water-closets as required by law. The appellant contended that the proposed method of ventilating the water-closet compartments by means of air shafts and fans was more than the equivalent of the intent of the law and the Board sustained the appeal.

CASE No. 301:

September 11, 1911.

The appellant asked to be permitted to use a plank roof on steel trusses for a garage of otherwise first-class construction, although a statute of April 26, 1911, prohibits such plank construction in a gargage. Owing to misunderstandings and ignorance of this statute the appellants had been granted a permit allowing such construction and had in consequence incurred considerable expense before his permit was revoked by the Building Commissioner. In view of the expense incurred and the general circumstances in this case, and upon the assurance of the appellant that he would protect the underside of the roof plank with incombustible material satisfactory to the Building Commissioner, the appeal was sustained.

CASE No. 302.

September 11, 1911.

Appellant applied for permit to install a gas engine. After a hearing had been given to the protestants, as required by law, the Board, in consideration of all the circumstances in the case, granted the application.

CASE No. 303.

September 11, 1911.

The Board concurred with the Building Commissioner in granting an equivalent method of construction regarding thickness of walls in a certain building.

CASE No. 304.

September 23, 1911.

The appellant asked permission to leave an existing staircase in a mercantile building of second-class con-

struction, which was undergoing alterations, without inclosing the said staircase with fireproof partitions as called for in the law. The appellant also appealed from the ruling of the Building Commissioner that sufficient egress was not provided. The Board dismissed the appeal regarding means of egress and sustained the appeal regarding the inclosing of the existing staircase on the ground that the law is so faultily worded that, if literally followed, a more dangerous fire trap would exist than in the condition that the law was intended to prohibit.

CASE No. 305.

September 23, 1911.

Appellant asked permission to build penthouses on the roof of a mercantile building to be constructed of greater height and area than permitted by law. As the said penthouses were to be used only for elevator and other machinery incidental to the most efficient operation of a modern mercantile building, the Board sustained the appeal.

CASE No. 306.

September 26, 1911.

The Board concurred with the Building Commissioner in finding the means of ingress and egress satisfactory in a mercantile building wherein the floor space exceeds 10,000 square feet in area.

CASE No. 307.

October 4, 1911.

The Building Commissioner found that rainwater leaders in a building had been installed by persons other than licensed plumbers, contrary to his interpretation of the law which required that all plumbing work shall be done by licensed plumbers. As the said rainwater leaders have no connection with any sewer or cesspool, but discharge independently into the harbor, the Board ruled that such work is not a part of the plumbing system of the building and that the appellant had, therefore, acted within his rights in his employment of the persons who did the work in question. Appeal sustained.

CASE No. 308.

October 4, 1911.

Appeal from the Building Commissioner's order that additional egress is required. After inspection of the premises by the Board the appeal was dismissed.

CASE No. 309.

October 4, 1911.

Case similar to Case No. 308 and similarly dismissed.

CASE No. 310.

October 16, 1911.

The Board concurred with the Building Commissioner in granting an equivalent method of construction regarding exposure in yards and courts of a building.

CASE No. 311.

October 20, 1911.

The Building Commissioner refused to grant a permit to alter and heighten an existing tenement house, because the existing yards are not of legal size required for new tenements. After inspection of the premises by members of the Board, the Board sustained the appeal provided certain modifications were made in the plans in order to prevent additional detriment to adjoining property.

CASE No. 312.

October 25, 1911.

The appellant asked permission to disregard certain definite requirements in the law as to yards behind tenement houses in his special case, which was an alteration and heightening for tenement purposes of an existing one-story brick mercantile building. As the appellant would provide more exposure than is technically called for in the law, although differing from the exact requirements therein, the Board sustained the appeal.

CASE No. 313.

November 1, 1911.

The appellant appealed from an order of the Building Commissioner to provide additional means of egress. The Board found the Building Commissioner's order to be reasonable and dismissed the appeal.

CASE No. 314.

This case is similar to the preceding one. Case No. 314 has not yet been heard and it is therefore assumed that the appellant was governed by the ruling of the Board in Case No. 313 and has complied with the order of the Building Commissioner.

CASE No. 315.

November 6, 1911.

The appellant asked permission to erect a tenement house with a yard of less area than the law requires, because of peculiar physical conditions surrounding his property. After an inspection of the premises by the Board the appeal was dismissed.

CASE No. 316.

November 6, 1911.

The appellant asked permission to erect a tenement house upon a corner lot with a slight variation from the technical requirement in the law regarding yards. The Building Commissioner contended that the lot in question was not a corner lot. After inspection of the premises by the Board the appeal was sustained on the ground that the appellant is to provide an equivalent area for yard purposes, and that the lot in question is a corner lot.

CASE No. 317.

November 1, 1911.

The Building Commissioner refused to issue a permit to erect a mercantile building because the means of egress from certain floors would not, in his opinion, be sufficient. The appellant contended that the egress shown on the plans is reasonably sufficient. The Board concurred with the appellant and sustained the appeal.

CASE No. 318.

This case was withdrawn before hearing was given.

CASE No. 319.

November 13, 1911.

The Building Commissioner refused to issue a permit to make alterations in and increase the height of a portion of an existing second-class building for habitation, and covering more than 5,000 square feet of floor area, for the reason that a like new structure could not lawfully exceed 5,000 square feet in area, and that the spirit of the law would seem to prohibit such a privilege as the appellant asked for in the case of an existing building to be altered. The Board found that section 35, chapter 550, Acts of 1907, distinctly contemplated a difference between the treatment of an existing build-

ing to be altered and a like new building, and that the Building Commissioner is given discretionary power in this matter. The appeal was sustained on the ground that this case has none of the conditions which would warrant a refusal of his application.

CASE No. 320.

November 18, 1911.

This appeal was withdrawn after a preliminary hearing.

CASE No. 321.

December 9, 1911.

The Building Commissioner refused to issue a permit to make alterations in two adjoining tenement houses because no yards were to be provided as required by law. The appellant stated that he had purchased house No. 1 in order to protect his own house (No. 2) from being deprived of light and air as was threatened by the proposed lawful alterations of house No. 1. He contended that by controlling both houses, what he proposed to do would provide much better conditions as to light and air than would be possible with the houses under separate ownership. The Board sustained the appeal with a proviso regarding certain alterations in the plans, on the ground that what could lawfully happen would create a worse condition than was contemplated by the proposed alterations which would be as nearly within the letter and spirit of the law as the physical conditions permitted.

CASE No. 322.

December 11, 1911.

The Building Commissioner refused to issue a permit to build a modern tenement house because its area, if considered as one building, exceeds the maximum permitted by law for wooden buildings, and if considered as four separate houses no back yards were provided in the case of some of the houses. The appellant contended that the building should be considered as four separate structures and that back yards as technically required were not necessary in this case because of the open areas on all sides of the houses. The Board sustained the appeal on the ground that it would be a manifest injustice to refuse a permit to erect

such a building which would be far superior in every way to what could be erected in conformity with all the technical requirements of the law.

CASE No. 323.

December 5, 1911.

The appellant asked permission to convert a wooden dwelling house located in the suburbs into a five-family tenement house without conforming to all the requirements of the law regarding the lighting of staircase and size of one bedroom. With a proviso that certain interior windows shall be provided, the Board sustained the appeal.

CASE No. 324.

December 9, 1911.

The Building Commissioner refused to issue a permit to erect a tenement house because of lack of yard space. The appellant contended that a yard space was not required by law and that what he proposes to provide for exposure was better than, though not technically in conformity with, the law. The Board sustained the appeal on the ground of its being a specific case not contemplated by the law, though covered by it.

CASE No. 325.

December 16, 1911.

The Building Commissioner refused to issue a permit to build a tenement house because the means of egress was not satisfactory. After an examination of the plans the Board concurred with the Building Commissioner and dismissed the appeal.

CASE No. 326.

December 20, 1911.

Appeal withdrawn temporarily.

CASE No. 327.

December 28, 1911.

The appellant asked permission to amend plans of a theatre for which a permit had been previously granted by order of the Board upon an appeal from the refusal of the Building Commissioner to issue the permit. The proposed changes concerned relocations of certain balcony exits and of the courts and fire escapes connected therewith. Permission was granted.

CASE No. 328.

January 31, 1912.

Appellant asked the Building Commissioner to permit, in the exercise of his discretionary power, the omission of back venting of traps for certain fixtures in appellant's buildings now under construction. The Building Commissioner refused the application on the ground that, in his opinion, his discretionary power in this matter was not sufficient. A majority of the Board found, on appeal, that such discretionary power could have been used by the Building Commissioner in favor of the applicant in this case, and therefore using their own discretionary power, they overruled the Building Commissioner's decision and sustained the appeal with certain specific provisos regarding tests for the traps without back vents that were proposed to be used by the appellant.

CASE No. 329.

January 6, 1912.

Appellant appealed from the order of the Building Commissioner to provide additional means of egress. Appeal dismissed.

CASE No. 330.

January 4, 1912.

The Building Commissioner refused to issue a permit to erect a tenement house on a corner lot because of lack of yard or court as required by law. The appellant contended that this is a case not contemplated by the law though covered by it. Owing to the physical conditions surrounding the property, and with a proviso as to alteration of certain rooms, the Board sustained the appeal on the ground that the proposed house would more than fulfill the spirit of the law.

CASE No. 331.

January 19, 1912.

The Building Commissioner ordered the appellant to provide additional means of egress. Board concurred with the Building Commissioner and dismissed the appeal.

CASE No. 332.

January 22, 1912.

The Building Commissioner ordered certain partitions of second-class construction in a first-class building to

be removed as they were in violation of the law. Upon appeal the Board sustained the appellant in the case of one partition not extending to the ceiling and dismissed the appeal in the case of partitions extending from floor to ceiling.

CASE No. 333.

January 31, 1912.

Appellant asked permission to provide a water-closet compartment in a private dwelling without a window, directly upon the open air or light shaft. He proposed equivalent methods of lighting and ventilating which this Board found sufficient. Appeal sustained.

CASE No. 334.

January 31, 1912.

The appellant asked permission to install a gas engine. After a hearing to the appellant in which protestants also appeared and testified, and after an examination of the premises, engine and machinery, the Board granted the permit.

ADDENDA.

SUMMARY OF ACCIDENTS.

ASPHYXIATION BY GAS.

At 236 Shawmut avenue on February 20, 1911, an examination was made of the gas fixtures in consequence of one John J. Donovan having been asphyxiated by gas. He was found unconscious in a small side room on the upper floor; the stop cock of the fixture was turned on full; the window was closed and the door of the room was locked. The fixture was single, old style, swinging, one-joint bracket. This fatal accident appeared to be the result of the turning on of the stop cock of the fixtures, inadvertently or carelessly. The fixtures were not found defective.

ASPHYXIATION BY GAS.

February 24 an examination was made to ascertain the cause of the death of a young girl at 113 Northampton street and the partial asphyxiation of her little brother and sister. The gas fixture was a two-light one, made from $\frac{1}{4}$ -inch and $\frac{1}{8}$ -inch iron with a two-light pendant cock. One burner only was in general use and the stop cock to same was in fair condition; the other stop cock leaked slightly for want of cock grease and turned easily. It was this cock that was found turned on and, from indications, by accident.

PARTIAL ASPHYXIATION BY GAS.

April 1, 1911, an examination was made of premises 4 Worcester square, relative to cause of partial asphyxiation of a woman. A single swing bracket connected to an independent fitting, which by flexible pipe supplied gas to a six-tube dry radiator, was the combination which occasioned the accident. The bracket was in good condition but the independent connection and tubing were leaking and defective. The gas was evidently turned on by accident and escaped into the room.

ASPHYXIATION BY GAS.

At 24 West Dedham street, on April 11, 1911, an examination was made in consequence of a man having been fatally poisoned by illuminating gas. At the time of inspection the gas cock in a rear room on the second story was set up tight and was in its proper place. This was done by order of the medical examiner to stop the flow of gas. The conditions indicated that the stop cock of the fixture had been tinkered with and the plug was replaced so that the stop pin came up against the skirt of the socket instead of its proper position, thus permitting the escape of gas. The fixture was the old style Spelter boat-shaped two-burner one. I judge the cause of the accident was ignorance of the construction of gas fixtures on the part of the deceased.

ASPHYXIATION BY GAS.

At 2 Florence street two deaths were occasioned by gas poisoning. At the time of the examination by this department, April 15, 1911, the gas fixture in the room occupied by the deceased was found in good condition. The accident was undoubtedly from carelessness or negligence on the part of the occupants of the room. Presumably they had the gas turned on low and the wind blew it out during the night.

ASPHYXIATION BY GAS.

July 27, 1911, an examination was made of gas fixtures in premises 44 Fairmount street, Ward 24, to ascertain if the death of one Charles A. Hoyt was occasioned by defective fixtures. The keys and fixture in the room where the man was found dead were in good condition and defects therein did not contribute to the cause of the accident.

ASPHYXIATION BY GAS.

September 20, 1911, an examination was made of gas fixture in a rear room on third floor of building 185 Hanover street, known as Hotel Venice. The fixture was found in good condition and from statements given by the porter, the case was one of suicide.

ASPHYXIATION BY GAS.

In consequence of a fatal gas poisoning at 84 Waltham street, this department made an examination on October 13, 1911, to ascertain conditions and cause of the accident. The death of a woman resulted not from defective fixtures but by the stop cock being turned on accidentally.

PARTIAL ASPHYXIATION BY GAS.

On October 13, 1911, an investigation made by this department indicated conclusively that an attempt at suicide had been made by a male occupant of a side room on the upper story of building 88 Pembroke street. It was ascertained that when found the man was unconscious, the stop cock of the fixture was turned on, that some attempt to make the room air-tight had been made by pasting paper over the cracks around the door; that the man had a self-inflicted wound on the side of his neck. The accident was not the result of defective conditions of gas piping or fixtures.

PARTIAL ASPHYXIATION BY GAS.

The cause of partial asphyxiation of two young girls at 32 Albion street was ascertained to be as follows: Two young women occupied a small third floor hall room chamber, the gas fixtures of which were connected to piping that supplied gas from a prepaid meter located in the bathroom. The evidence and indications show that the gas was lit and partially turned down when the young girls retired and that sometime before 11.30 p. m. the quantity of gas paid for was consumed and the meter automatically turned off the supply which left the stop cock open. Sometime later, Mr. Forma, the father of one of the young girls, finding the gas not lit, placed the necessary amount of money (coin) in the meter receptacle which automatically turned on the flow of gas and not only supplied the burner he lighted but also made it escape through the open cock in the room occupied by the girls. The fixtures were not found defective.

ASPHYXIATION BY GAS.

On October 16 an examination of gas fixtures at premises 76 Lawrence avenue showed them to be in good condition. A young woman was found dead from gas poisoning and every indication pointed to suicide.

EXPLOSION OF GAS.

On Saturday, October 28, 1911, an explosion took place at the Peerless Knitting Mills on Tokio street, off River street, Ward 24. The cement box cover of the exhaust pipe was blown off and the pipe entering the same broken off. The box was located underground with a vent pipe from top of same. Gas collected in the exhaust box and in some manner became ignited. No person was injured.

EXPLOSION OF GAS.

On November 7 an investigation was started by the department to ascertain the cause of an accident reported to have occurred at 153 Centre street, Ward 22. On arriving at the house it was found locked up and gas shut off. It was stated that the explosion was occasioned by gas leaking from a meter and the same igniting when the occupant lighted a match.

ASPHYXIATION BY GAS.

54 Union Park was examined on November 28, 1911, in consequence of a death by gas poisoning having occurred there. The best information to be obtained pointed clearly to a case of suicide. Found some loose cocks on fixtures, which owner was notified to correct.

ASPHYXIATION BY GAS.

At 138 Eliot street, one Eugene Costa committed suicide by gas poisoning. A letter stating his intention is now in possession of the Police Department. The fixtures although of old style were found in good condition.

ASPHYXIATION BY GAS.

An examination was made of premises 161 Massachusetts avenue on December 8, 1911. The fixtures were found in good condition. The deceased was found sitting in a chair and evidences of his intent to commit suicide were seen in key hole and crevices stuffed tightly to prevent air entering or gas escaping. All gas cocks were found open.

PARTIAL ASPHYXIATION BY GAS.

In Room 8, on third floor of building 169 Court street, a man was overcome by escaping gas. An examination was made by this department on December 8, 1911, and disclosed the fact that the gas fixtures and piping were in a defective and dangerous condition, although the cause of the accident was carelessness on the part of the man affected. The owner was notified to remedy the defects.

ASPHYXIATION BY GAS.

On an examination of premises 374 Shawmut avenue, second floor rear, it was found a man had committed suicide by inhaling gas. The gas fixture was found in poor condition and the owner was notified to remedy same. Examination made December 8, 1911.

EXPLOSION OF GAS.

On report of an explosion at premises 15-17 Norman street, an examination was made December 16 and also on December 27, 1911, to ascertain the cause. The gas service pipe in both Nos. 15 and 17 in basement was connected to an outside service pipe. A test was made of these pipes on December 27, which showed a hole in a $1\frac{1}{4}$ -inch inside service pipe at No. 17. Defect has been remedied. The gas escaping from the hole in the pipe above referred to (which condition was occasioned by rust) was sufficient, when properly mixed with the air, to explode when coming in contact with a light of some kind in the hall of No. 15. This occurred about 1 a. m. on December 16, 1911. No one was injured by this explosion.

ASPHYXIATION BY GAS.

On December 18, 1911, an examination was made of premises 661 East Fourth street, South Boston, on report of a fatality by gas poisoning. The accident occurred in the side room on the third floor. The gas fixtures consisted of a stiff bracket projecting from the wall; the key was found in good condition but the arm of said bracket had been removed by order of Medical Examiner McGrath. In answer to a letter from this department, the medical examiner wrote, "I found the gas fixture which was the source of the trouble to consist of a fixed arm-wall bracket. This fixture was so imper-

fectly constructed that a volume of gas, sufficient when ignited to produce a large flame, issued when the key was turned, from the union between the horizontal position leading to the burner and the casting containing the key. The horizontal part was loose at its attachment and came off as I handled it. The portion of the fixture in question was attached to the casting by two or three threads only, and they are apparently in part covered with solder."

PARTIAL ASPHYXIATION BY GAS.

January 1, 1912, from notice received by police, an examination was made of premises 117 Chandler street, where a man had been partially overcome by gas. The only manner the accident can be accounted for is from carelessness.

PARTIAL ASPHYXIATION BY GAS.

January 9, 1912, an examination of premises 10 Bartlett place, Ward 6, disclosed the probable cause of the partial asphyxiation of four persons as gas from the street entering the house.

EXPLOSION OF GAS.

At 241-243 Washington street, the watchman, smelling gas, went in search of the source of the leak and carried a lighted lantern. The gas, which was escaping from the street through Williams court and through the foundation wall into the basement, ignited when it came in contact with the light in the watchman's lantern, causing an explosion.

PARTIAL ASPHYXIATION BY GAS.

On January 9, 1912, an examination was made of premises 42 Rutland square in consequence of a report of an accident by gas poisoning. The fixtures were found in good condition. It seems one Carl Tucker made an attempt to end his life by placing a piece of tubing connected with a gas fixture in his mouth and then turning on the gas. He was overcome but recovered.

ASPHYXIATION BY GAS.

On January 9, 1912, the department made an examination of building 1774 Washington street, with especial reference to the condition of gas fixtures, which were found good. The cause of death of a woman was undoubtedly suicide by inhaling gas.

ASPHYXIATION BY GAS.

On January 10, 1912, an investigation was made to ascertain the cause of the death of a person at 223 Pleasant street, Ward 7. It seems probable that the deceased turned the gaslight down low and it was touched by the frost, it being a very cold night, and then thawed out as it became warmer toward morning. The result of the cold was to stop the flow of gas and put out the light and when the warmer air allowed the free flow of gas again, the cock being partially open, it escaped into the room, causing the accident.

PARTIAL ASPHYXIATION BY GAS.

At 10 Prince street, on January 22 or about that date, several persons were overcome by gas leaking into the house from the street.

PARTIAL ASPHYXIATION BY GAS.

The same condition was found at 6 Keith's alley and from the same cause at the same time.

ASPHYXIATION BY GAS.

A domestic employed at 12 Normandy street was overcome by gas in consequence of her lack of knowledge in the use of gas. The fixtures were found in good condition when examined by this department on January 22, following the accident.

ASPHYXIATION BY GAS.

January 24, 1912, an inspector of this department examined premises 30 Cambridge street, Ward 8, and found the gas fixtures in good condition. The evidence of the successful attempt to commit suicide was plainly observable, cracks around windows and doors being stopped with paper and cotton.

ASPHYXIATION BY GAS.

January 30, 1912, an inspection was made by this department to ascertain condition of the gas fixtures at 32 Milford street and the cause of death of one Grace Rogers occasioned thereby. The deceased lodged on the first floor in a rear room. Found gas escaping from end of a rubber tube attached to pillar burner on a two-light slide fixture with arm turned around. This fixture was ordered changed and the connection with stove properly made. This was undoubtedly a case of accident.

ERRATA.

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- Page 4, footing of column "Area in Acres," 30,295.
Page 4, footing of column "Population," 686,092.
Page 5, footing of column "No. of Habitations," 74,926.
Page 18, amount in column for May, Ward 23, 46,000.
Page 30, second paragraph, accidents on passenger elevators, fatal, 5; accidents on freight elevators, fatal, 8; total, 13.
Page 31, in column of "Electric Passenger for May," amount should be 41.
Page 37, footing of column "Re-examinations," 2,487.
Page 42, under January 3, 1912, column of salaries, "Building Inspectors," \$45,600
Page 42, total of same column, \$110,550.
Page 47, total under "Number," in table at foot of page, 271.
Page 50, total of column "Estimated Cost," in Table B, \$318,985.
Sheet E, in first column of totals, "Under Ward 23," 91,700.
Sheet F, in column for Ward 23, "Under Miscellaneous," 26,400.



ANNUAL REPORT
OF THE
CEMETERY DEPARTMENT

FOR THE YEAR 1911-12.

BOSTON, February 1, 1912.

HON. JOHN F. FITZGERALD,

Mayor of the City of Boston:

SIR,— In accordance with chapter 3, section 24, of the Revised Ordinances, the Board of Trustees of the Cemetery Department present their annual report for the financial year ending January 31, 1912.

This Board organized on May 1, at which time Mr. Charles E. Phipps was elected chairman.

The following officials were appointed by the Board to carry out the work of the department under the direction of the trustees:

Mr. Leonard W. Ross, general superintendent, in control of the work carried on in the cemeteries and burying grounds of the department, with headquarters at Mount Hope Cemetery, and direct supervision of the work in and pertaining to that cemetery.

Mr. John Frank Keating, secretary, as the executive officer of the Board of Trustees, in charge of the department office at 919-920 Tremont Building. The minutes and deeds and the financial transactions of the department are recorded in this office. The secretary, in compliance with the city ordinances, is under bonds.

The following custodians were appointed, and are under direction of the general superintendent:

Mr. Charles P. Harding, Evergreen Cemetery and Market Street Burying Ground.

Mr. John J. Burnes, Dorchester North, Dorchester South and Hawes Burying Grounds.

Mr. Frank L. Turner, Bennington Street Cemetery.

Mr. Augustus M. Lydston, Phipps Street and Bunker Hill Burying Grounds.

Mr. John Norton, Copp's Hill Burying Ground.

King's Chapel, Granary, Central, South End South, Eliot, Kearsarge, Westerly, Walter Street Burying Grounds and Fairview Cemetery are under direct charge of the general superintendent.

Mr. Frederick E. Atteaux was reappointed as a Cemetery Trustee for the term ending April 30, 1916. With the exception of a short period as a member of another department board, Mr. Atteaux has devoted his energies untiringly to the duty devolving upon him as a Cemetery Trustee since the organization of the department in 1897.

DEPARTMENT PROPERTY.

The burying grounds, cemeteries and tombs which are owned by and in charge of the City of Boston are as follows:

EAST BOSTON.

Ward 1.

Bennington Street, 157,500 square feet.

CHARLESTOWN.

Ward 3.

Bunker Hill, 48,202 square feet.

Ward 5.

Phipps Street, 76,740 square feet.

CITY PROPER.

Ward 6.

Copp's Hill, Hull street, 89,015 square feet.

King's Chapel, Tremont street, 19,344 square feet.

Ward 7.

Granary, Tremont street, 82,063 square feet.

Central, Common, 60,693 square feet.

Ward 12.

South End South, Washington street, 64,570 square feet.

SOUTH BOSTON.

Ward 14.

Hawes, Emerson street, 11,232 square feet.

ROXBURY.

Ward 17.

Eliot, Eustis street, 34,830 square feet.

Warren, Kearsarge avenue, 54,500 square feet.

DORCHESTER.

Ward 20.

North, Upham's Corner, 139,802 square feet.

WEST ROXBURY.

Ward 23.

Mount Hope, Walk Hill street, 117 acres and 36,536 square feet. Opposite Mount Hope are two lots of unused land on Berry Street, north corner Manning street, 7,150 square feet; and

Berry Street, south corner Manning street, 5,262 square feet.

Westerly, Centre street, 39,450 square feet.

Walter Street, 35,100 square feet.

DORCHESTER.

Ward 24.

South, Dorchester avenue, 95,462 square feet.

BRIGHTON.

Ward 25.

Evergreen, Commonwealth avenue, 604,520 square feet.

Market Street, 18,072 square feet.

HYDE PARK.

Ward 26.

Fairview Cemetery, Fairview avenue, about fifty acres.

CITY TOMBS.

Twenty-five in the South Burying Ground; six in Phipps Street Ground, Charlestown; one tomb for infants in South Burying Ground; one tomb for infants and one for adults in the Copp's Hill Burying Ground; one for adults and one for infants in the Granary Burying Ground; one for infants in the Chapel Burying Ground; one in the Central Burying Ground for infants; two receiving tombs in East Boston; one receiving tomb in Dorchester North; one receiving tomb in Dorchester South; one receiving tomb in Evergreen Cemetery, Brighton; one receiving tomb in Mount Hope Cemetery; and one receiving tomb in Fairview Cemetery, Hyde Park.

ANNUAL REPORT OF GENERAL SUPERINTENDENT.

To the Trustees of the Cemetery Department, City of Boston:

GENTLEMEN,—I submit herewith my third annual report as General Superintendent of this department for the year beginning February 1, 1911, and ending January 31, 1912.

A detailed statement of the work performed during the year is as follows:

	Interments.	Lots Sold.	Graves Sold.	Lots in Perpetual Care.	Graves in Perpetual Care.	Lots in Annual Care.	Graves in Annual Care.	Foundations Built.	Preparing and Planting.	Sundry Work.
Mount Hope.....	1,603	28	717	1,195	98	195	135	190	224	187
Evergreen.....	107	6	51	177	33	86	90	25	2	34
Bennington Street.....	22									
Fairview.....	17									
Phipps Street.....	16									
Dorchester North.....	11			46		59	3	6		16
Dorchester South.....	10			9		11		2		
Granary.....	2									
Central.....	1									
Westerly.....	1									
Totals.....	1,790	34	768	1,427	131	351	228	223	226	237

MOUNT HOPE CEMETERY.—Chapel used for burial service thirty-four times; receiving tomb used twenty-eight times.

Land sold for burial purposes: For lots 2,732 square feet, and for graves 14,340 square feet.

Land improvements, in square feet: 51,958 in lots regraded and seeded; 55,000 not in lots regraded and seeded; 10,000 regraded in fall of 1910 and seeded in spring of 1911; 9,031 regraded and ready for seed; 15,840 regraded and sodded; 15,202 prepared for lots; 12,600 of avenues reconstructed; 49,118 of avenues macadamized; 6,000 square yards of avenues resurfaced with stone dust; 5,000 square yards of paths reconstructed and surfaced; 3,400 cubic feet of filling removed; 600 tons of stone crushed and placed on avenues; 100 cords of stable manure hauled and used in cemetery; 525 grave markers and 35 lot markers set; 20 markers received from United States Government and set at graves of veterans; 11 brick graves built.

EVERGREEN CEMETERY.—Services held in cemetery lodge ten times; receiving tomb used five times.

Land sold for burial purposes: For lots 845 square feet, and for graves 1,224 square feet.

Land improvements, in square feet: 2,265 prepared for single graves; 2,500 sodded; 700 regraded and seeded; 600 lineal feet of avenues resurfaced; 20 boundary posts set; 3 trees removed; 3 brick graves built.

MARKET STREET GROUND.— Stone wall repointed.

DORCHESTER NORTH BURYING GROUND.— Three thousand and seventy-four square feet of land on perpetual care lots graded; 1,150 plants and 500 tulip bulbs set out; 7 trees removed and 31 trimmed; entrance gates, sign posts and lot fence painted; 2 tombs repaired; receiving tomb used once.

DORCHESTER SOUTH BURYING GROUND.— Two lot fences painted; 1 marker set; receiving tomb used five times.

PHIPPS STREET BURYING GROUND.— Part of wooden boundary fence rebuilt and painted; tool house repaired; 4 graves raised; 72 stones reset; 6 trees removed and 16 trimmed; 3 tombs pointed; 1 monument straightened and tablet reset, at expense of owners.

BUNKER HILL CEMETERY.— Part of wooden boundary fence rebuilt, and iron fence repaired; tool house repaired; 11 graves raised; 43 stones reset; 4 trees removed and 30 trimmed.

BENNINGTON STREET CEMETERY.— Tool house repaired.

KING'S CHAPEL BURYING GROUND.— Five tombs repaired; entrance to infant tomb sealed.

COPP'S HILL BURYING GROUND.— Four tombs repaired; iron fence repaired; 12 trees removed.

CENTRAL BURYING GROUND.— Three tombs repaired.

GRANARY BURYING GROUND.— Two tombs repaired; entrance to infant tomb sealed.

EUSTIS STREET BURYING GROUND.— Two tombs repaired.

At Mount Hope Cemetery a long needed improvement is in process of completion at the Mount Hope street entrance. The old wooden gates and entrance way at this point are being demolished. The set of granite piers and iron gates formerly used at the front entrance on Walk Hill street have been erected at the Mount Hope street entrance, and with the opening of the spring season the grading and planting at this point will prove a most satisfying improvement. The chapel and administration buildings were gone over completely, and all loose mortar joints raked out and repointed. This not only improves the appearance of these buildings, but restores their durability by closing the joints to the inclemency of the weather. The interior walls of the chapel were thoroughly cleansed and renovated. The brick foundation wall under the greenhouse was rebuilt, and two Castle automatic circulators were attached to the heating system. At the greenhouses we have propagated and are growing

this winter a much larger quantity and better assortment of plants for use this coming summer. The work of improving the lots has been vigorously continued as well as borders around them, and much remains to be done. During the year 270 lots and the borders around the same have been completely trenched to the full loam depth, fertilized and reseeded or resodded.

At King's Chapel ground an unusual amount of work was done, consisting of new loam and sodding of surface, and planting of borders and other areas to a much larger extent than in other years. About 20,000 plants of various kinds were used in this work. Expressions of appreciation by a multitude of visitors to this historic ground are appreciated. The usual amount of work was performed on the trees.

I regret to report that the Granary ground is not in a satisfactory condition owing to a lack of sufficient appropriation.

Trees and shrubs have been pruned, and the usual amount of work has been done for the care of the ground.

At the Central ground several large trees were removed, as they were in a dying condition. A considerable amount of pruning has been done to the other trees. It is regrettable that sufficient funds were not available to enable us to keep this ground in a condition which its historical nature would warrant.

More than the usual amount of attention has been given the Westerly ground. The trees have been pruned and sprayed, and a portion of the area has been regraded and seeded.

The tree men have been actively employed in the various grounds in the suppression of the insect infestation which has caused such havoc to trees and shrubs. This work must be pushed with vigor all the time in order that proper results may be accomplished.

The custodians of the various cemeteries of the department have generally rendered faithful services during the past year. Please accept an expression of my warm appreciation for the continued courtesy and consideration shown me by the members of the Board of Trustees.

Respectfully submitted,

LEONARD W. ROSS,
General Superintendent.

REGULAR APPROPRIATION.

February 1, 1911, appropriation	\$75,000 00
Transfer from Reserve Fund	2,857 03
Interest on Perpetual Care Fund	5,504 07
Total expenditures	<u>\$83,361 10</u>

Proceeds from sale of lots and graves and for general cemetery work by department and deposited to credit of general income of city	<u>\$25,580 92</u>
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Money Earned for the City from February 1, 1911, to January 31, 1912.

	Mount Hope.	Evergreen.	Dorchester North.	Dorchester South.	Bennington Street.	Fairview.	Phipps Street.	Granary.	Central.	Westerly.	King's Chapel.	Copp's Hill.	Totals.
Lots sold.....	\$3,659 00	\$1,267 50											\$4,926 50
Graves sold.....	5,829 00	795 00				\$5 00							6,629 00
Opening graves.....	6,570 00	485 50	\$53 00	\$53 00	\$95 00	66 00	\$47 50	\$30 00	\$15 00	\$20 00			7,435 00
Care.....	1,247 50	629 50	318 00	55 00									2,250 00
Foundations.....	1,157 05	159 90	56 20	18 80									1,391 95
Planting.....	752 75	3 50	22 00										778 25
Receiving tomb.....	489 00	59 00		35 00		2 00							585 00
Brick graves, concrete vaults.....	271 40	60 00								5 00			336 40

CEMETERY DEPARTMENT.

[illegible]

Expenditures for Fiscal Year of

CEMETERY DEPARTMENT.	Office Expenses.	Mount Hope.	Evergreen and Market St.	Dorchester North.	Phipps St. and Bunker Hill.	Copp's Hill.	Dorchester South.
{ Labor.....		\$50,134 19	\$4,818 38	\$2,114 75	\$1,069 25	\$823 00	\$862 50
{ Removing snow.....				50 00	25 00	105 00	35 00
Superintendent, salary.....	\$2,500 00						
Secretary, salary.....	1,495 52						
Clerk, messenger.....	1,854 84						
Pension.....	140 63						
{ Tools, hardware, etc.....		1,319 75	64 85		3 00	50	
{ Steam roller, rental.....		953 83					
{ Repairs include brick, lumber, cement.....		1,189 19	53 44	39 55		54 12	14 32
{ Erecting boundary wire railing.....		400 05					
{ Greenhouse wall, chapel wall, and gateway restored.....		311 55					
{ Piers, new rear entrance.....		254 00					
{ New fences.....					254 50		
{ Pointing wall, Market street.....			65 00				
Fuel.....		1,817 81	86 10			12 05	
Horse feed.....		1,620 80	275 00				
{ Vehicle repairs.....		73 39	23 25				
{ One new horse.....		300 00					
{ Wagon and caravan.....		350 00					
Auto supplies and repairs.....		523 55					
Seeds, plants, sods.....		456 11	43 00	45 00			
Electric light service.....		279 76	12 00				
Flower pots.....		219 16					
{ Furniture, office and house.....		103 92	19 34				
{ Uniforms, employees.....		91 50	56 00				
Harness, stable supplies.....		178 33	12 30				
{ Stationery, directory.....	35 95	59 81	30	10			
{ Postage.....	39 00	42 40	8 00	8 00			
{ New typewriter.....		72 90					
Manure, fertilizer.....		152 00	15 00				
Printing, binding.....	197 60	147 46	11 64				
Water rates.....		122 50	47 50		12 00		10 00
Telephone service.....	86 47	108 28	31 62	26 60			
Cartage, team hire.....		86 89			24 50	1 25	
Markers.....		73 20	11 40	20 95			1 75
Shoeing, veterinary service.....		57 18	50 00				
Carfares.....	5 16	31 65			1 20		
Surety bonds.....	20 00	11 00	6 00	5 00			
Writing expert.....	50 00						
Totals.....	\$6,425 17	\$61,542 16	\$5,710 12	\$2,309 95	\$1,389 45	\$995 92	\$923 57

1911-12. Regular Appropriation.

Bennington Street.	Granary.	King's Chapel.	Eliot.	Westerly.	Hawes.	South End South.	Fairview.	Central.	Walter Street.	Totals.
\$795 00	\$754 37	\$612 87	\$393 88	\$362 50	\$232 25	\$146 75	\$175 60	\$89 75	\$14 75	\$63,399 79
	95 00	65 00	50 00	.....	15 00	60 00	.....	.....	.....	500 00
										2,500 00
										1,495 52
										1,854 84
										140 63
4 05	10 00	88						5 00		1,408 03
										953 83
19 47	8 85	27 71	9 45					11 43		1,427 53
										400 05
										311 55
										254 00
										254 50
										65 00
29 70										1,945 66
										1,895 80
										96 64
										300 00
										350 00
										523 55
		36 00								580 11
										291 76
										219 16
										123 26
										147 50
										190 63
										96 16
										97 40
										72 90
										167 00
										356 70
										192 00
										252 97
31 50		8 00								152 14
										107 30
										107 18
										38 01
										42 00
										50 00
\$879 72	\$868 22	\$750 46	\$453 33	\$362 50	\$247 25	\$206 75	\$175 60	\$106 18	\$14 75	\$83,361 10

SPECIAL APPROPRIATION.

Evergreen Cemetery, Development of Land.

Appropriation authorized October 5, 1909	\$13,000 00
Expended to January 31, 1911	11,965 23
Balance	\$1,034 77
Expenditures, 1911-12:	
Labor	\$200 25
Grass seed	98 16
	298 41
Balance	<u>\$736 36</u>

SPECIAL APPROPRIATION.

Dorchester North Burying Ground.

Appropriation authorized December 19, 1911	<u>\$9,000 00</u>
Fairview Cemetery:	
January 1, 1912, received from town of Hyde Park, unexpended earnings	\$11,953 28

SUMMARY.

The appropriation for 1911 did not warrant the expenditure of sums for many necessary improvements which we believe are imperative. As stated in other years, there are twelve cemeteries under the control of the department which have been in existence over one hundred years, and on account of conditions the proper maintenance of these grounds must be borne almost entirely by appropriation from the city treasury. These grounds are situated in various parts of the city, and their neat and orderly appearance would reflect credit upon city administration. We urge you to appropriate \$20,000 to be expended entirely upon these grounds, as a necessary improvement, and which sum will substantially commence the work of improvement. The annexation of Hyde Park brought to this department Fairview Cemetery, a burying ground of about fifty acres, and one used by all classes of citizens of Hyde Park. The unexpended earnings received from Hyde Park on account of this cemetery amounted to \$11,953.28, of which a large portion is involved in a purchase of additional land which is under legal inspection for

adjustment. As we assumed control only one month ago little can be said as to probable receipts and expenses, but it is certain that much must be done to equal the standard adopted for the other department cemeteries. The custodian, Mr. George E. Whiting, was retained until February 1, when the general superintendent was instructed to assume personal supervision.

Special consideration has been given to the subject of department income. In addition to the secretary, four employees who are authorized to receive moneys have been bonded. The increased cost for labor and supplies has been felt in the department, and realizing the necessity of readjusting prices for work performed, the following circular was sent to lot and grave owners. The circular is self explanatory:

To Lot and Grave Owners:

You are hereby advised that the following prices are now effective at Mount Hope Cemetery, Evergreen Cemetery and Dorchester North and Dorchester South Burying Grounds for work on lots and graves for the season of 1912. These prices will remain in force until further notice:

Annual care of sodded grave	\$1 00
Annual care of two-grave private lots	2 00
Annual care of other private lots less than 100 square feet	3 00
Annual care of private lots from 100 to less than 200 square feet	4 00
Annual care of private lots from 200 to less than 300 square feet	5 00
Annual care of private lots of 300 square feet or more, ...	7 00

The above annual care consists of well mowed and well kept sod, and raising all sunken graves without extra charge; and it applies only when lots and graves are in reasonable condition for care when order is given.

Grading and sodding grave	\$3 00
Preparing center for flowers and sodding edges	2 00
Planting grave (not including preparing)	1 50
Preparing and planting grave	3 50
Annual care of grave planted with flowers	2 00
Planting borders, \$3 and \$5, according to size of lot.	
Planting vases, \$3 or more, according to size of vase.	
Planting or replanting grave with myrtle	12 00
Annual care of myrtled grave, including remyrting	5 00
Planting or replanting grave with euonymus	12 00
Annual care of euonymus grave, including replanting, ...	3 00

All work not included in the above will be individually considered, and prices given upon request.

Bills Unpaid.—No orders will be accepted for work to be performed on lots or graves if the books of this department show a bill remaining unpaid in any year since 1897.

Orders for Future Work.—All orders for work to be performed on lots or graves will be accepted only when such work is *paid for in advance*.

A blank order for this year is inclosed. Kindly state on same what work you wish performed, sign your name and address, and return the order with amount of money necessary to pay in advance for the work specified. Put number of your lot or grave on order.

If the order is returned at once, the department will be enabled to give it early and careful attention, which will produce the best results.

Perpetual Care.—A uniform charge is made of 50 cents per square foot for perpetual care, and this amount is placed at interest by the city. The bond issued guarantees that during the existence of the city an amount equal to 4 per cent of the total deposited is spent each year for care. Thus, whether you are living or dead, the bond of the city guarantees that your lot will never be neglected, and the lot is plainly marked as a perpetual care lot. Please call or write for cost of perpetual care of your lot.

After February 1, 1912, permission to erect monuments, headstones, grave markers or other structures upon any lot or grave in the cemeteries under the jurisdiction of this department, will not be granted or erection allowed until after a sketch or photograph showing dimensions of same has been submitted to the superintendent for approval by the trustees.

The rule of payment in advance for all work performed, which was effective in 1911 for the first time, was received by lot and grave owners in the true business spirit and occasioned no friction. There was an increase of \$200 in receipts for work on lots and graves, to which this rule applied. The total amount collected from all sources, except for perpetual care, since the organization of this department in 1897, is \$373,255.03. There was due the department from all sources on January 31, 1912, \$1,085.60,—or slightly more than one quarter of 1 per cent,—a decrease of about \$900 indebtedness from last year.

The new rule, effective from February 1, 1912, requiring that all structures on lots or graves shall be approved by the trustees before erection is a sensible regulation

of this important part of cemetery supervision. Enforcement of this rule must be of benefit to lot owners and enhance the appearance of the cemetery.

A peculiar condition arose this year in relation to bodies in the receiving tombs. Upon making inquiry we learned that there were several instances where the relatives of deceased persons were absolutely opposed to earth burial or cremation, and expressed themselves as willing to pay indefinitely the monthly receiving tomb rent. To accept this proposition would of course mean the final closing of the receiving tomb to any more bodies, the spaces being occupied by those permanently there. In viewing the situation (having made no agreement covering permanent occupancy) we were of opinion that with the exception of unusual cases no body shall remain in the receiving tomb for a period exceeding one year, and this has been made part of the by-laws.

The pension system for veterans, effective in 1911, resulted in the pensioning of an assistant gardener, eighty-six years old, who received \$2.25 per day.

The pension system for employees who are laborers, to be effective in 1912, will retire five employees in this department.

At Mount Hope Cemetery a new filing system applicable to burials is about completed, which consolidates information relative to lots and interments. This replaces a hitherto complex system, and places the information desired easy of access.

A six-ton double drive tandem Buffalo steam roller became the absolute property of the department by the payment of the final instalment of \$500 in 1911.

One old horse was, upon the advice of the veterinarian, painlessly killed, and one new horse was purchased.

The development of a portion of Evergreen Cemetery, which has been carried on under special appropriation made in 1909, is now practically completed. Allowing liberally for avenues and ornamental spaces, we have now 405 lots ranging from three graves to seventeen graves in each lot, and we are pleased to say that lot sales have already commenced. The avenues and paths have been named Evergreen and Western avenues, and Hawthorn, Magnolia, Laurel and Woodbine paths.

At Phipps Street ground it became necessary to rebuild 148 feet of wooden boundary fence. At Bunker Hill ground 164 feet of wooden boundary fence was reconstructed.

Near the close of 1911 your Honor and members of the City Council made an inspection of the Dorchester North Burying Ground at the request of this Board. As a result of that visit it was impressed upon each member of the party that immediate steps were necessary to place the boundary fence and the street wall in proper condition. The present condition of the fences places them beyond repair, and the wall now standing will be removed. We will at once take steps to have plans prepared and proceed to the erection of a new wall around this historic ground which was established by the citizens of Dorchester in 1633. As this subject has been agitated by this Board for several years we are especially pleased that you have concurred in our opinion, and we kindly acknowledge the special appropriation of \$9,000 which has already been made for this improvement.

We cannot conclude this report without recognizing heartily the increased interest shown during your administration by you personally and by the City Council in the welfare of this department and the improvement of the city cemeteries. For this earnest cooperation we extend our sincere thanks and appreciation.

Respectfully submitted,

CHARLES E. PHIPPS, *Chairman.*

JACOB R. MORSE.

FREDERICK E. ATTEAUX.

ALBERT W. HERSEY.

JOHN J. MADDEN.



ANNUAL REPORT
OF THE
CHILDREN'S INSTITUTIONS DEPARTMENT
FOR THE YEAR 1911-1912.

CHILDREN'S INSTITUTIONS DEPARTMENT,
30 TREMONT STREET,
BOSTON, February 1, 1912.

Hon. JOHN F. FITZGERALD,
Mayor of the City of Boston:—

SIR,—In accordance with chapter 3, section 22, of the Revised Ordinances, the Trustees for Children present their Annual Report for the financial year ending Jan. 31, 1912, this being the fifteenth year of the Children's Institutions Department, and the fifty-fourth year of the Institutions Department.

The members of the Board and the times of expiration of their appointments are as follows:—

JOHN O'HARE, <i>Chairman</i>	.	.	.	May 1, 1913.
JAMES P. CLEARY, <i>Secretary</i>	.	.	.	" 1914.
Mrs. CAROLINE S. ATHERTON	.	.	.	" 1916.
LOUIS A. GINSBURG	.	.	.	" 1915.
JOHN F. CRONIN	.	.	.	" 1912.
JAMES J. BACIGALUPO	.	.	.	" 1916.
Miss ELIZABETH M. NEEDHAM	.	.	.	" 1914.

In September, Miss Mary Boyle O'Reilly tendered her resignation after six years of service, during the greater part of which she was Secretary of the Board.

During the past year thirty-five meetings of the Trustees have been held. The standing committees are:—

Committee on Finance. — ALL MEMBERS OF THE BOARD.

Committee on Schools. — MRS. ATHERTON, MISS NEEDHAM, and MR. BACIGALUPO.

Committee on Placing-Out Division. — MRS. ATHERTON, MR. GINSBURG, and MR. CLEARY.

Committee on Releases. — The CHAIRMAN, MR. GINSBURG, and MISS NEEDHAM.

Committee on Legislation. — MR. CRONIN and MR. BACIGALUPO.

The members of the Board visit from time to time the Parental School and the Suffolk School for Boys. They also visit at intervals the children placed out in families and institutions.

The children under the care of the Board are classed as follows:—

(a.) Delinquent children at the Suffolk School for Boys (Rainsford Island) and probationers therefrom.

(b.) Truants at the Parental School (West Roxbury) and probationers therefrom.

(c.) Dependent and Neglected children boarded or placed free in families (usually in the country), and a number in the care of schools for defectives or other hospitals or institutions not under the management of the Trustees, where they have been placed for training or hospital treatment at the expense of this Department.

The total number of children now in the care of the Department is 1,544, or 19 less than at the beginning of the year, divided as follows:—

In the Suffolk School for Boys	138
On probation from the Suffolk School for Boys,	214
In the Parental School	123
On probation from the Parental School .	223
Dependent children	692
Neglected children	154
Total	<u>1,544</u>

The total number of children admitted to the care of the Department during the year was 414, divided as follows:—

Delinquent children	94
Truant “	54
Dependent “	242
Neglected “	24
Total	<u>414</u>

The total number of children discharged from the Department during the year was 433, divided as follows:—

From the Suffolk School for Boys . . .	2
“ Suffolk School for Boys, probationers .	57
“ the Parental School	15
“ Parental School, probationers . . .	125
“ Dependent and Neglected children .	234
Total	<u>433</u>

Eighty-four boys from the Suffolk School for Boys and 95 boys and eight girls from the Parental School were released on probation.

FINANCIAL STATEMENT.

The total cost of the maintenance of the Children's Institutions Department for the year was \$201,880.68, which, divided among the whole average number of child-

ren (1,558) makes an average per capita expense of \$129.58 for the year, or \$2.48 per week.

An analysis of the expenses of the Placing-Out and Office Division, the Parental School and the Suffolk School for Boys is given in Tables 2B to 2G, inclusive.

The net cost of the Placing-Out Division, with its estimated share of the office expenses amounted to \$101,719.61. This includes a credit of \$483.61, on account of the increase in the inventory of clothing on hand February 1, 1912, over the inventory of the year previous.

Of this, \$13,109.14 has been paid for the board of children in the Massachusetts Hospital School at Canton, the Long Island Hospital, and the State Hospital; and \$103.08 was paid on account of children who were at the Massachusetts School for the Feeble-Minded and at the Massachusetts Hospital for Epileptics previous to December 1, 1908, for whom we received no bills until during the year 1911.

The remainder, \$88,507.39, has been paid for an average of 533 children boarded in families and an average of 221 children in free homes. Taking together all children placed in families (754) we find the average per capita cost for the year to be \$117.38, or \$2.25 per week.

The total net cost of caring for the delinquent children was \$40,939.82, of which \$39,125.62 was used for the Suffolk School for Boys, including an estimated share of the office expenses, \$500. The average per capita cost for each boy actually in the Institution (133), was \$294.18 for the year, or \$5.64 per week.

The remainder, \$1,814.20, represents the amount expended on the visitation of boys on probation in their own homes and homes in the country, the clothing furnished by the Placing-Out Division to some of these boys when going to the country, and board paid for an average of two boys for the year. Taking together all delinquents, both in the Suffolk School for Boys and on probation (an average of 336), the average cost per capita for the year was \$121.85, or \$2.33 per week.

The total net cost of caring for the truants committed to the Parental School was \$58,737.64, of which \$54,591.23 was used for the Parental School, including an estimated

share of the office expenses, \$500, making an average per capita cost for each child in the institution (148) \$368.87 for the year, or \$7.07 per week.

The remainder, \$4,146.41, represents the amount expended on the visitation of boys on probation in their homes, and homes in the country, the clothing furnished by the Placing-Out Division to some of these boys when going to the country, and board paid for an average of 19 truants on probation. Taking together all the truants (an average of 391) the average per capita cost for the year was \$150.22, or \$2.88 per week.

Certain extraordinary repairs had to be made during the year at the Parental School and the Suffolk School for Boys which are of the nature of permanent improvements. If deduction were to be made for these repairs the per capita cost of the inmates of both institutions would be materially reduced.

During the year four children attending high schools were assisted from the Sawyer Fund Income to the amount of \$155.47, the money being expended for tuition and clothing.

SUFFOLK SCHOOL FOR BOYS.

REPORT OF THE TRUSTEES.

The Suffolk School for juvenile offenders is situated on Rainsford Island. The following report points out the need of additional buildings and larger opportunities for industrial training.

The Trustees have previously stated their desire for the introduction of the cottage system whereby the boys may be grouped in families and more individual work be made possible. The Superintendent speaks from experience, for he has recently come from the Lyman School where the cottage system is in force. The majority of the Trustees would be glad to see new buildings erected, that Boston may offer its delinquent boys opportunities for industrial advancement and incentives to right living equal to those enjoyed by the boys cared for by the State.

The Trustees, therefore, endorse the recommendation of the Superintendent for the immediate construction of one new building for boys returned from probation and those who are most difficult to control, and for the installation of additional industries.

This Annual Report, in general appearance and typography, is a demonstration of the skill acquired in the printing department of the Suffolk School for Boys. When the age of the boys and the average length of their stay in the School are taken into consideration, the achievement is a source of pride and satisfaction.

A corps of devoted workers makes possible good results in spite of all handicaps. The welfare of the boys is of such importance as to warrant continued urgency in their behalf.

The Trustees appreciate the efforts of all who have contributed to the religious instruction of the boys and would thank them and those who have provided entertainments.

REPORT OF THE SUPERINTENDENT OF THE SUFFOLK SCHOOL FOR BOYS.

BOSTON, February 1, 1912.

To the Trustees for Children:—

Herewith in accordance with custom, I respectfully submit the Superintendent's annual report of the Suffolk School for Boys. As I have been connected with the administration here only five months, it will be perhaps impossible for me to go into such detailed extent as I might were my term of service longer.

STATISTICS.

Number of boys in the institution February 1, 1911,	115
“ committed Feb. 1, 1911, to Jan. 31, 1912	94
“ returned from probation	15
	—— 224
“ released on probation	84
“ released by transfer	2
	—— 86
“ in the institution Jan. 31, 1912	138

The problem of the School is “how shall we treat this young offender against the laws of his land, after all influences, family, public schools, probationary and church, have failed, in order to bring about sufficient change in his habits and in his character to make him a safe and useful member of the community?” It is a question of very far-reaching importance to the city; for every independent, well-behaved citizen adds materially to its value, while a law-breaker not only disturbs the productive life of a community, but is immediately a considerable expense, and threatens in time not only to go from bad to worse but to increase by example and by progeny the ranks of law-breakers. Important as is the care and training of these boys to the city, it is of even greater consequence to the boys themselves.

My great criticism in the plan of reformation as I have found it here, lies in the fact that old offenders and new are housed under the same roof, play on the same play-ground, thus making it difficult to treat them distinctively. Under a cottage system a better grading is possible. The air of family life and the individuality of each member is retained. We already have Point Cottage in which we house the smaller boys, keeping them away from the baleful influences of older delinquents. Another cottage should be erected immediately for boys returned from probation and those that require the strictest discipline.

In reading over the recommendations of past committees, also the reports of your former Superintendents and Trustees, I find that general repairs and improvements have been spoken of from year to year. The time is imminent when these long-needed changes must be made. But you will readily agree with me that the expense which should have been distributed over a space of years, should not now gather in one or two years. Therefore the value of a gross cost and a net cost will readily appeal to you.

The bay between the wharf and Point Cottage should be filled in. Could not some arrangements be made with other city departments whereby the scows which now go way out to sea might empty here? It seems as if this could be done at comparatively small expense.

Extensive repairs have been made on the Superintendent's house during the past year, also on the boys' playroom at Point Cottage which has been fitted up with urinals and closets at some considerable expense. A new heating system was installed at the Cottage the first of the year. This necessarily has increased the per capita cost.

In the past the cooking for the Point Cottage, the home of the smaller boys, was done at the Cottage, which necessitated the employment of a cook. It seemed advisable to have all the cooking done in one kitchen and the food carried to the Cottage. This change was made with the approval of your Board and is working satisfactorily.

By means of a changed and greatly improved method of book-keeping which has gone into effect within the last two months, I shall hereafter be able to present, without referring to the Placing-Out and Office Division, a gross per capita cost which will represent as now the care of each inmate combined with the cost of repairs and permanent improvements; also a net per capita cost, which will show more closely the exact expense entailed to the city for the care, instruction, food and clothing of each inmate.

SCHOOL DEPARTMENT.

The courses of study and the sessions of school correspond as nearly as possible with those of the Boston Public Schools, so that a boy may continue his studies here and resume them when released without detriment to his standing. In fact his advancement here is more rapid, due to the absence of class embarrassment, more individual attention, the regularity of attendance, the absence of outside influences, and the regular diet and routine.

The work in sloyd by a new arrangement of the horarium gives a more thorough and connected course. With the exception of the boys in the industrial department, every boy receives the work in sloyd before leaving the institution. Evening industrial classes are conducted; also a vacation school of six weeks during the summer for smaller boys.

INDUSTRIES.

Industrial training apart from the manifold mental and physical benefits has its practical advantages. The opportunities of acquiring a knowledge of the instruments of production are at hand and many a boy leaves the institution able to earn a living. With few exceptions these boys must earn their living with their hands, therefore our industries should be expanded and others developed.

Shoe Shop. — Forty boys have had training in our factory during the past year. Each boy has learned to do one part of the work well and more often two or three. The quality of the work is first-class and the work thoroughly up-to-date. Our handicap in this department is the disposal of our products as the laws are such that we cannot place them on the market.

Printing. — It is needless to mention the advantages acquired by a course in this department. Thirty boys have benefited by this training during the year. All will attest that the work done is neat and in every way satisfactory. Many of the machines have outlived their usefulness and a great saving can be made as well as a more modern course given with machines of the latest design.

Sewing and Repair. — In this department besides the necessary mending and darning, the cutting and making of overalls, jumpers, bed linen, table cloths, napkins, etc., is done. I recommend that new power machines be installed to replace the old, worn-out foot-power machines now in use. It will then be possible to make all the clothing worn by

the boys. Twenty boys have received this practical training the past year.

Agriculture. — The class of ten boys, small because of our limited area, gets a practical knowledge of all work necessary about a farm. There is no specializing here, but the care of horses, cows, pigs, and hens is taught. The planting, care and harvesting of the crops, the trimming and spraying of trees, gathering fruit, care of lawn and flower-beds all come within the scope of our farmers.

HEALTH.

The health of the boys is excellent. It is a rarity to find a boy ill enough to be in bed. Aside from cuts and bruises caused by accidents on the play-ground, sickness is not at all prevalent. Boys who arrive here not in a perfect physical condition soon develop the strength and sturdiness which is characteristic of all our inmates. All boys are examined on admission to determine the absence of contagious diseases, and a record is made of the chief physical characteristics of each boy. The resident physician has treated 620 different cases during the year. Five cases have been sent to Long Island Hospital for some minor operation such as in-growing nail, removal of tonsils, adenoids, etc.

The dentist, Dr. Evan P. Wentworth, cleansed the teeth of all the boys. He also treated and capped 56 teeth, extracted 267, and made 199 fillings.

The oculist, Dr. Edward D. Hurley, has made regular visits to the School, tested the eyes of the boys for glasses, and prescribed other necessary treatment.

ATHLETICS.

The physical as well as the mental development is an important factor in the making of good citizens. Daily exercises with the dumb bells, military drill, and Butts' rifle drill constitute the regular exercises for every boy. Baseball, football, medicine ball, running, jumping, hurdling, skating, etc., are participated in freely. Ocean bathing subject to tide and weather conditions is frequently practiced.

RELIGIOUS INSTRUCTION.

The Catholic boys' spiritual interests are in charge of Rev. Matthew McDonald, S.J. He is assisted in catechism work by the Misses Foley, Roche, Haverty, O'Regan, Hayes, Owen, and Mr. Thos. Foley.

Miss Lillie A. Cobb, who for many years conducted services for the Protestant boys, because of other duties found it necessary to resign. Rev. George E. Stokes, of Deer Island

and Long Island, for the present has volunteered. He is a warm friend of the boys and they enjoy his weekly visits very much.

Services for the Jewish boys have been in charge of the Boston Council of Jewish Women. Mr. N. I. Goodwin is their agent and visits the boys weekly.

The interest shown and the good work accomplished by these untiring workers is gratefully appreciated.

RECOMMENDATIONS.

The cottage system should be introduced as soon as is practicable. This will necessitate the building of four cottages, each large enough to accommodate 35 boys. The institution building should then be converted into a Trade and Industries building, containing shop rooms for all the branches now taught as well as anticipated new trades.

The carpenter shop, which is now very poorly equipped, should be moved into the above building and furnished with power machinery, that a progressive course in carpentry and cabinet-making may be taught.

The sewing-room should be fitted with the means necessary to give a thorough course in the cutting, designing, and making of garments.

A plumber would be a valuable acquisition to the force to relieve an over-taxed engineering department, and also provide another trade for the boys.

A new power plant is an immediate necessity as shown by the reasons given in a special report sent you recently.

The erecting of a bulk-head and the filling in of the bay between the ice-house and Point Cottage have been recommended in another part of this report.

Our needs are manifold but the ends which we seek justify our requests. Boys leaving an institution of this kind are indeed handicapped at best, and especially if the habit of industry and the means of earning a livelihood have been denied them. The returned boys, who have not made good when released, are generally those who did not have the opportunity while here to work in the shoe shop or printing department, etc. They went away from the institution with good intentions and high resolves, but without the knowledge necessary in this industrial age to enable them to take their places in the community. To find employment is one thing, but to hold it is more difficult if one is not properly equipped to do so.

Many boys have succeeded; the percentage of successes will be larger when our industrial facilities are increased, and

when we have cottage homes where the personality of each boy can be studied and the good in each developed.

CONCLUSION.

In concluding, I wish to say that members of your Board as well as the teachers and officers of the institution have been most courteous and kindly encouraging in receiving me. I am very grateful and thank each and all for their support. In looking forward into the future of the School, my ambition aims high. If I have seemed over-grasping in stating our needs, it is because I have become imbued with a belief in the ultimate success of my ambitions. Admitting some slight drawbacks, I still believe that by building little by little, adding some improvements from time to time, we shall almost before we realize it have a School as fine as any in the land. I trust this ambition may seem worthy to you and that you will agree with me that the great end towards which we strive, the saving of the youth, justifies a mighty exercise of means.

Respectfully submitted,

JOHN J. RYAN,

Superintendent.

PARENTAL SCHOOL.

(THE TRUANT SCHOOL OF THE CITY OF BOSTON.)

REPORT OF THE TRUSTEES.

The Parental School, or the Truant School of the City of Boston, is situated in West Roxbury, near the Charles River. The separate cottages that make possible a definite grouping of the boys, administration building, hospital, Superintendent's house, and now the new school building with assembly hall and light, well-ventilated classrooms, constitute a plant of which the City need not be ashamed.

The Trustees would call attention to the Superintendent's report with its great showing of work accomplished by the boys during the year. The interest and zeal displayed and quality of the work performed promise much for the future of these boys. In a variety of ways they are learning the joy of doing, and they manifest a just pride in the results of their own labor. The class in sloyd complains that the hour is too short, and wishes the time went equally fast in the recitation room! This but serves to emphasize the value of training these hands with skill and care. Intensive work is done in the class-rooms; small numbers and the devotion of the teachers and their recognition of the special needs of the individual pupil achieve excellent results. The response of the boys is noteworthy. But these are not students bound for higher institutions of learning and the professions. Their school days will soon be over. If they can here be made to realize the satisfactions of good work well done, if in particular they are helped to discover that for which they are especially fitted, then they may be trusted to go forth and find their place and do their part with manliness and vigor.

The report of the physician is full of significance for one who can see the real meaning of the facts recorded.

Is the City of Boston deriving full benefit from this institution that it is at considerable expense to maintain? Whereas it would be a cause for rejoicing if our reduced numbers are really an indication that the truants and minor delinquents are fewer or are adequately cared for in their homes, the feeling exists that here is one means of helping such boys of which greater use might well be made.

Helen Cheever Cottage was closed in May. The girls who were there at that time are in their own homes or in families where they have been placed by this Department. All are visited by our agents. There is no reason to regret the change of policy in the care of truant girls authorized by the General Court in 1911.

Many repairs and alterations were made during the year, in which work masters and boys had an active part.

The Trustees express their thanks to all who have addressed the boys or furnished entertainment.

REPORT OF THE SUPERINTENDENT OF THE PARENTAL SCHOOL.

To the Trustees for Children:—

The annual report of the Parental School for the year ending Jan. 31, 1912, is herewith respectfully submitted:

STATISTICAL.

Number of children Feb. 1, 1911	162
" committed during the year	54
" returned from probation	25
" discharged during the year	15
" released on probation	103
" children January 31, 1912	123
 Average daily attendance	 148
Average age of children committed: 12 years, 7 months, 4 days.	
Average time spent in the School by children discharged and released on probation: 17 months, 15 days.	
 Number placed in country homes	 24
Number returned from country homes to the Parental School	10
Number allowed to go from country homes to their own homes	6
Number returned from probation from own homes	15
Number out on probation committed to Suffolk School, ...	14
Number out on probation committed to Lyman School, ...	1
Number out on probation committed to State Board of Charity	1
Number at home on probation	180
Number in country homes on probation	43
 Whole number out on probation	 223
Weekly per capita expense	\$7.06

The Parental School aims to furnish a home to boys committed as truants by the courts, to provide wise guidance in the absence of parental control, to substitute right thinking for vicious habits, and to stimulate endeavor toward suitable occupation.

There is a more or less general misapprehension as to the true mission of a Parental School. The very fact of its being an "Institution" arouses doubt and even resentment. Actually the school exists for corrective purposes and not for retribution, and whether or not its beneficiaries acquire the "Institutional stamp" depends upon the spirit and aim of its management rather than upon its mechanical equipment. This is quite as true as that "four walls do not make a home." Theoretically it should succeed, for the boy enters during the formative period of both mind and body.

The past year, while devoid of startling innovations, has been a year of improvement and progress. The girls' department passed out of existence, by Legislative Act, last May.

One of your first acts in 1911 was to move the administrative offices from the Curtis building to the southern end of the hospital building. This move brought the offices to the front of the grounds and rendered them easily accessible to visitors. There is now ample space, too, for the transaction of routine business and for the systematic filing of records.

HEALTH.

The following report is submitted by Dr. W. G. Smillie, our resident physician:—

We intend, in the Parental School, not only to treat conditions as they may arise, but to prevent the occurrence of these conditions. Immediate results may not always be apparent, but our general aim is for stronger, better-nourished and developed boys. By starting the boy well we build up the general health and resistance to disease in the man.

Each boy is given a complete physical examination on entrance. In 90 percent of the cases, through neglect, his teeth are bad, he is infested with pediculi, and his nutrition and general health are far below normal.

The regular and sufficient meals, open-air dormitories, moderate work, and plenty of play, work wonders in the general health of the boys. They invariably gain five or ten pounds the first three months. Adenoids and tonsils are removed, if necessary; teeth attended to, and eyes examined.

During the last year we have had no epidemic of contagious disease in the School, with the exception of seven cases of German measles.

There have been treated in the clinic 1,441 cases; of these, 285 were hospital cases. The average duration in bed was four to six days. Eight cases were sent to the City Hospital, five for operation, one following severe injury, two for X-ray. Two cases were sent to the Eye and Ear Infirmary; one following severe injury, and one for consultation.

We had an epidemic of furuncles in July, probably due to the stagnation of the swimming pool. In general, the health of the boys has been excellent. In case a boy has not been doing well he is excused from work and put on a special diet. Two boys who were poorly nourished and puny were put on a special full diet, with milk and cream between meals, for two months. Both gained remarkably, eight and eleven pounds respectively, improved in general health and strength, and were discharged well.

The success of the year's work depends in a great measure upon the work of the visiting physicians, Dr. A. M. Worthington, Dr. W. W. Howell, Dr. F. C. Jillson, and Dr. S. Richmond, and upon the painstaking care of the nurse, Mrs. Machon.

The following report is submitted by our visiting dentist, Dr. Evan P. Wentworth:—

The boys of your institution had their teeth examined in July and also in November. With this, was a practical lesson in cleansing the teeth. At this time any who required further treatment were referred to future sittings, and their mouths were set in order.

Much of the filling we do and almost all the permanent teeth we extract are the six year molars. Many times, at the age of your boys, there is nothing left of these teeth except the roots, and quite often these are, or have been, abscessed.

In several instances, sound teeth, being entirely outside the arch, have been extracted to correct a deformity. Much of my work is extracting at the proper time to allow the permanent teeth to come into their proper places. Occasional abscess and odontalgia are bound to occur, but are given prompt attention at the next visit to your infirmary.

Twenty teeth were treated and capped; 254 extracted; and 121 fillings made. Many abscesses were treated by extracting.

We wish to acknowledge our debt of gratitude to the visiting physicians, Dr. Arthur M. Worthington, Dr. Franklin C. Jillson, Dr. William W. Howell, and Dr. S. Richmond. These men have contributed their valuable time and experience unstintingly. We feel that the healthy condition of our boys is, in no small measure, due to the visiting physicians' attendance and counsel.

RELIGIOUS INSTRUCTION.

The Protestant and Catholic boys have been regular in their attendance at church services. The former attend the South Evangelical Church and the latter attend St. Theresa's Church. The Rev. Mr. Byington and the Rev. Fr. Broderick have a sympathetic interest in the boys and give unself-

fishly of time and energy in order that there may be nothing lacking in their spiritual development.

The instruction of the Hebrew boys has not been so regular, doubtless owing to our remoteness from the Jewish places of worship.

In the matter of religious instruction, we endeavor to see to it that every boy is educated in the beliefs of his own people.

SCHOOL.

There has been no change in the teaching force with the exception that Mr. Corthell resigned in the spring to take charge of the manual training work in a Maine city. Since the departure of Mr. Corthell we have not maintained the Trade School as a distinctive feature. We found that the regular teachers furnished sufficient class-room instruction and that our excellent sloyd department, together with the varied occupations incident to the general up-keep of the institution, furnish considerable manual training. We must always keep in mind, too, that our boys are very young, averaging only about 12 years in age, and that with them school-room work must predominate. The majority have, here, the last opportunity to acquire what is known as a common-school education. Our class instruction compares favorably with that of other schools of the city. We have adopted the Palmer system of writing and we are making some progress with it. A few lessons given by an expert teacher in penmanship would aid greatly.

The new school hall has been occupied several times. The pleasure and value of our general exercises would be greatly enhanced by good music. Children respond more readily to music than to any other influence, but we have no music, other than rote singing of a few familiar selections. Here is an opportunity that we are neglecting. We should engage the services of a musical director for several hours of each week.

Since October, the school has been operating on a one-session basis. The school session begins at 8.30 A.M. and closes at 1 P.M. The change seems to meet the approval of both pupils and teachers. Two advantages result: the boys can be out of doors more, and opportunity is given for individual instruction of backward pupils during the afternoon.

FARMING.

Mr. George F. Roberts, a graduate of the New Hampshire State College, was in charge of the outside work during a part of the past year. It was a splendid investment for us.

Under Mr. Roberts' leadership the boys entered into the outside work with a zest that well-nigh convinced us that the time-honored belief that boys do not like work is a fallacy.

The plans and methods of a trained agriculturalist are a revelation to old and young. Monotonous, common-place chores become vital interests. Then, too, there is a commendable consistency in having expert guidance in every department of an educational institution.

Economically considered, the expert more than pays for himself. We should develop our resources more fully. There is no good reason why we should not raise all the vegetables that we need, and we ought not to buy chickens, pork, or eggs.

Last summer we raised enough green vegetables for our own use, together with a fair amount of small fruit. About 65 bushels of potatoes were harvested and the cabbage, squash, turnips, and carrots have lasted to the present time. Probably our hay will last until spring. The poultry department has not been sufficiently developed. We have bought eggs throughout the year.

GENERAL.

Probably no one not connected with an institution realizes the vast amount of labor involved in the routine of its daily existence. The boys perform a great deal of the actual work, under supervision and direction, but when we take into consideration that these 140 boys average only 12 years in age, we readily see that many of them are more care than help.

Nevertheless we endeavor to see to it that every boy, no matter how young, performs some stated duties. It often happens that a master might more easily perform a task himself than insist that it be performed by the boy, but of course this easier way would deprive the child of probable benefits. Through the task the child learns the joy of labor, the exhilaration arising from the use of his own muscles. He acquires pride and self-respect in turning out a nice result attained by certain special methods. Finally, there is always the possibility that in our varied occupations there will be found something which awakens his interest or ambition. Our ordinary routine duties include the cleaning and mending of personal apparel, the making of beds, polishing floors and furniture, dining-room service, cooking, laundering, care of lawns and drive-ways, care of trees and shrubbery, gardening, and the care of horses, pigs, and poultry.

In addition to the routine duties outlined above, there are

always the special activities, of which the following list is illustrative. This work was performed by masters and boys together, during the past year:—

Eleven trees (dying or dead) have been felled and cut up for fire-wood; the dead cedar hedge on our eastern boundary has been cut out, at the same time trimming and placing to one side all trunks large enough for posts or stakes; the apple trees and berry bushes were pruned; bushes were cut out of about 300 yards of ditch in marsh land; several new flower beds were plotted; an additional acre of marsh land was broken up for cultivation; a stagnant pool at the rear of Collins Cottage was filled in; a culvert in the lower drive was opened and rebuilt; the year's supply of ice was harvested; the grading of the school-house lot was practically completed; concrete walks and steps leading to both entrances of the school-buildings were constructed; concrete cold frame 20 x 6 was built; minor repairs to outside walls of cement cottages (Phillips and O'Brien); six hen-houses moved from various locations to form one group; construction of yards leading from hen-houses; two small buildings moved to make additional quarters for hogs; new yards for hogs; repairs of roofs, windows, and doors of hog-houses and hen-houses; platform constructed in school hall; paper roofing of harness-room; reshingling of portions of stable and the Superintendent's house; building of piazza on Superintendent's house; making of storm doors and window screens; many sundry repairs and improvements such as repair and sharpening of tools, glass-setting, interior painting and varnishing, repair of furniture, lock-repairing, rebuilding outside steps, minor repairs of wooden fencing, etc.

Of course it is unnecessary to enumerate all the tasks in which our boys are engaged in a year's time. We mention only a few in order to demonstrate the varied opportunities presented for healthful, stimulating, manual work.

During the coming spring we plan to assign two or three older boys to the engineer as helpers in repairing of heating and lighting equipment. We are also about to paint the Superintendent's residence. Another plan for the spring is to set aside one portion of farm land to be divided into small plots. A plot will be assigned to each boy for his own individual garden.

If we find boys whose tastes seem to run to clerical work we shall endeavor to provide something of that character. Two typewriters, which were brought from the Helen Cheever Cottage, are available for use.

TRUANT OFFICERS' CONVENTION.

The State Association of Truant Officers honored us by holding its annual convention at the Parental School last June. About two hundred members were in attendance.

The forenoon was devoted to addresses and discussions. Dinner was served at Quincy Cottage, after which the visitors made a tour of inspection. The day's program concluded with a ball-game between a team representing the guests and a team composed of home talent.

RECOMMENDATIONS.

I am presenting a few recommendations for your future consideration : —

1. A new stable.
2. A coal pocket.
3. Draining of cultivable marsh land.
4. Filling in of the unsightly, unclean marsh at the north of the boiler house. If the co-operation of the Public Works Department could be enlisted, this work could be accomplished without appreciable expense to the City.
5. Construction of boundary fences.
6. Complete overhauling of the local telephone system.
7. The employment of a relief master, who shall have some knowledge of physical training.
8. The employment of a musical director (part time).
9. A brief course of instruction in penmanship by an expert.
10. A continuance of the plan of having an agricultural instructor.
11. That the bake-shop be re-opened.
12. Permanent adoption of the one-session plan.
13. More books of reference for use of teachers and pupils.
14. More books for cottage libraries.

I thank you for your cordial support of my work during the past year.

Respectfully submitted,

G. C. MINARD,
Superintendent.

PLACING-OUT AND OFFICE DIVISION.

REPORT OF THE TRUSTEES.

This Division undertakes to provide for Boston children who lack homes and parental care as the State Board of Charity does for the minor wards of the rest of the State. The report of the General Agent shows how carefully each application is considered before the child is allowed to become a ward of the City. When the charge has been accepted, the child is put in some home, boarding or free, where he is treated as a member of the family, has advantages of school and church, and is surrounded by the protecting influences of a good home such as all children ought to have. The personal supervision of our visitors is constantly exercised for the children's welfare and the comfort of all concerned.

A child may later be discharged to his parents if they were only temporarily incapacitated. Now and again children are adopted by the families where they have been living. Many an interesting story might be written from the records of this Department.

Our former General Agent, Mr. John E. McCarthy, has this year retired from active service. He was the founder of this Division, and has been its devoted and efficient head from the beginning. It would be impossible for the Trustees to give adequate expression to their appreciation of the splendid service Mr. McCarthy has rendered during these years. One of the best tests of a man's success is the fact that his work was so well planned that others can carry forward what he began. The following report shows how well Mr. McCarthy builded.

A vast amount of office work is performed by this Division. Full records are kept of every child, of the homes, of admissions

and releases, visitations, etc. The bookkeeping of the whole Department is done here, and the clothing is distributed from this source of supply. Altogether it is a very busy staff of workers, who give full value of generous service to the City of Boston.

REPORT OF THE GENERAL AGENT FOR THE
PLACING-OUT AND OFFICE DIVISION.

To the Trustees for Children:—

The annual report of the work of the Placing-Out and Office Division for the year ending January 31, 1912, is herewith respectfully submitted:—

The year just closed has been an unusually busy and eventful one. The volume of work has increased, many changes have occurred in the office staff, and the capacity and efficiency of the Division have been put to a severe test. It is believed that a comparison of the appended tables with those of former years will show that in the endeavor to secure the best possible provision for the City's minor wards, the standards established by the Trustees have been fully maintained in the selection of homes, visitation, and general oversight of the religious, physical, and educational interests, and all that goes toward the development of a morally and mentally healthy child.

Applications for admission of dependent children were more numerous than during the previous year, the total being 491, an increase of seventeen percent. Of the total, 335 were found to have Boston settlements. One hundred and ten applications were withdrawn, 71 were referred to the Division of the State Minor Wards, and 50 to the Overseers of the Poor of this City, 8 to the Division of State Adult Poor, 21 to the various other agencies; one case was refused, being found on investigation to require no aid of any kind.

Two hundred forty-two dependent children were admitted, and 24 children were committed to our care by the courts on account of neglect.

Not infrequently applications are received from parents who wish to be relieved of the care of their children for a short period so as to tide over some slight difficulty; again, persons of means sufficient to support the children will seek to have them made public charges without good reason. Such applications, of course, are refused or referred elsewhere as the circumstances of the particular cases may suggest.

One of the most difficult classes of cases with which the office has to deal is that of the illegitimate child. A young mother who is such perhaps through the neglect of her parents to control or protect her, or by force of other circumstances which she was unable to resist or overcome, is not necessarily to be regarded as entitled to no consideration. On the contrary the community owes to itself as well as to such unfortunates the duty of exercising parental care and control over mother and child, and should use its best efforts for the welfare of both.

If it seems best that the mother be not relieved of her responsibility, she should be assisted and encouraged in bearing it; if the child's interest will best be served by a separation, the mother must be made to feel that she is not being simply freed from the consequences of her transgression, but should be required to assist or to co-operate in the care of her child. Therefore in dealing with these cases the greatest care and best judgment are required. None are admitted unless such action is considered to be best under the circumstances, while those that are rejected are not simply turned away, but every effort is made to insure the well-being of child and mother. No case is considered disposed of until the child at least, and, if possible, both are properly provided for.

But for the excellent preventive work, which has been done by your investigator, the number of admissions would have been much greater than it is. It is to be noted that out of the total of 491 applications, 110 were withdrawn, and these almost entirely as a result of her efforts. There were 2,534 investigations for admission, for release, and for other reasons, as follows: For admission, 991; miscellaneous, 1,043; for release of dependent and neglected children, 121; for release from Parental School, 120; from the Suffolk School, 100; for return from probation to the Suffolk School, 15; from probation to the Parental School, 25; and 119 of country homes for children, boarding and free.

Free homes, especially for girls old enough to assist at housework, are offered in much greater number than we can use. Many worthy applicants are city residents; but, in accordance with a long established rule, none of these are supplied excepting in cases where some unusual inducement is held out, such as opportunity for higher education for older girls, or prospect of guardianship or adoption of younger children.

There has been no difficulty in securing desirable boarding homes for our children; in fact, we have many applications

still waiting. The children seem to be all well placed, happy and well cared for.

The visitors have reported promptly and faithfully on the condition of the homes of the children, and their reports have been extremely satisfactory.

One of the first considerations in placing a child is its religious welfare, and in each case strict observance of the rule, that children be placed in families of the same faith as the children entrusted to their care, is insisted upon.

The clergymen of all denominations assist freely and cheerfully in carrying out this provision, and later in the instruction of the children, and they also report regularly as to the progress made by each child.

A word of appreciation should be spoken for those who are caring for the City wards, especially in boarding homes. The prices paid for the care of these little ones, although as generous as such placing will permit, do not provide any appreciable profit. These foster mothers are devoted to their charges and accomplish wonderful results, both in physical care and training of the children, and they should be warmly commended for the sincere, charitable, and motherly interest which they have exhibited in the children's behalf.

The health of our children during the past year has been generally good; in all cases of sickness too serious for home remedies, and in all emergencies a local physician is immediately called, and a report sent to the office as to the child's condition. Only one death occurred among children in country homes, all the others having taken place in the institutions in which the children had been placed for special care and treatment. Considering the condition of many of these children at the time of admission it would seem that this showing is very creditable. Many of the little ones when received are found to require immediate admission to a hospital; the majority of such cases must be sent to Long Island. Eight percent of the children received during the year were found to need treatment for specific diseases which could be furnished only at the the City almshouse. Some provision should be made for hospital care of infants apart from that for adults.

There were 234 dependent and neglected children released to parents or friends, or discharged as of age or for other reasons; 75 boys released from the Parental School to their own homes and 20 to country homes; from the Suffolk School 70 were released to their relatives, and 14 placed in the country; there were eight girls released on probation

from the Parental School during the year, of whom four were placed at board, one in a free home, and three with their parents.

At the close of the year there were 180 boys on probation from the Parental School in their own homes, and 174 from the Suffolk School, subject to visitation. These have been visited regularly and found to be doing well as a rule. The truant girls on probation are located as follows: three are at home, two attending school, and the other employed in a department store; one is with her mother in the South, one is indentured in a country home, and three are in boarding homes.

During the past year there have been four resignations from the office force: Mr. John E. McCarthy, former General Agent, after a service of more than forty years; Mrs. Ellen C. Dresser, who had been for upwards of twenty years in the Department; Miss Grace S. Hoogs, and Mr. Robert E. Tracy.

I wish to commend the employees of the office for their loyalty and devotion to the work of the Department during the year, which is evidenced in the results accomplished under somewhat unfavorable conditions.

Our Department is indebted to the Rev. Michael J. Scanlan, Director of the Catholic Charitable Bureau, for lists of boarding and free homes supplied from time to time and for other valuable aid and co-operation, also to individual members of the Overseers of the Poor, as well as agents of that board and other public and private charities, who have assisted much in connection with many difficult cases. Let us trust that the coming year will witness a continuation of this mutual effort to increase the efficiency of the child-helping agencies of our City.

In conclusion, I wish to extend my sincere thanks to the Trustees for their cordial support and assistance in carrying on the work of the Division.

Respectfully,

DANIEL F. LYNCH,

General Agent.

This Report of the Trustees for Children, including reports of officers of the Department, is respectfully submitted.

JOHN O'HARE, *Chairman.*

CAROLINE S. ATHERTON.

LOUIS A. GINSBURG.

ELIZABETH M. NEEDHAM.

JOHN F. CRONIN.

JAMES J. BACIGALUPO.

JAMES P. CLEARY, *Secretary.*

APPENDIX.

GENERAL AND FINANCIAL STATISTICS.

TABLE NO. 1.

Comparisons of Admissions, including Court Commitments, for the past Ten Years.

YEAR.	DEPENDENT.	NEGLECTED.	TRUANTS.	JUVENILE OFFENDERS.	TOTAL.
1902.....	131	24	242	104	501
1903.....	113	10	213	89	425
1904.....	129	26	193	81	429
1905.....	197	22	260	84	563
1906.....	199	29	133	73	434
1907.....	190	32	139	125	486
1908.....	197	21	104	125	447
1909.....	208	32	91	89	420
1910.....	195	10	66	66	337
1911.....	242	24	54	94	414

During the year there were 79 truants committed to the Parental School, 25 of whom had been formerly released on probation; 109 juvenile offenders were committed to the Suffolk School for Boys, 15 of whom had previously been released on probation.

Including these recommitments, there was a total of 454 children admitted during the year.

TABLE NO. 1 A.

Total in Charge by Classes and Present Placing at the end of Years 1908, 1909, 1910, and 1911.

	1908.	Percent.	TOTAL.	Percent.	1909.	Percent.	TOTAL.	Percent.	1910.	Percent.	TOTAL.	Percent.	1911.	Percent.	TOTAL.	Percent.
DEPENDENT AND NEGLECTED CHILDREN.																
Boarded in families	366 } Neglected, 76 }	55.95	...	...	396 } 88 }	58.11	...	...	410 } 78 }	59.95	...	...	474 } 89 }	66.63	...	...
Indentured in families (free homes)	208 } Neglected, 89 }	37.60	...	...	198 } 83 }	33.73	...	...	179 } 72 }	30.84	...	...	147 } 62 }	24.73	...	...
In Institutions	49 } Neglected, 2 }	6.45	...	...	63 } 5 }	8.16	...	...	70 } 5 }	9.21	...	...	71 } 3 }	8.64	...	...
TRUANTS.																
In Parental School	190	34.55	...	...	187	36.11	...	...	162	37.50	...	...	123	35.55	...	...
At home on probation	303	55.10	...	...	279	53.86	...	...	216	50.	...	...	180	52.02	...	...
Boarded in families on probation	31	5.62	...	...	28	5.40	...	...	21	4.86	...	...	18	5.20	...	...
Indentured in families on probation	25	4.73	...	...	24	4.63	...	...	33	7.04	...	...	25	7.23	...	...
JUVENILE OFFENDERS.																
In Suffolk School for Boys	142	41.04	...	...	137	38.16	...	...	115	33.28	...	...	138	39.21	...	...
At home on probation	179	51.74	...	...	182	50.70	...	...	161	50.79	...	...	174	49.43	...	...
Boarded in families on probation	5	1.44	...	...	4	1.11	...	...	2	.63	...	...	2	.57	...	...
Indentured in families on probation	15	4.33	...	...	30	8.36	...	...	25	7.89	...	...	23	6.53	...	...
Lost sight of	...	...	...	...	...	...	...	...	6	1.90	...	...	10	2.84	...	...
Doing for themselves	2	.58	...	...	4	1.11	...	...	7	2.20	...	...	3	.85	...	...
In Penal Institutions	3	.87	...	...	1	.28	...	...	1	.31	...	...	2	.57	...	...
In the Massachusetts Hospital for Epileptics	...	...	...	...	1	.28	...	...	...	...	...	...	...	...	...	...
Total	...	...	1,686	100.00	...	...	1,710	100.00	...	...	1,563	100.00	...	...	1,544	100.00

TABLE NO. 2.

Average Number of Children in Care of the Department during the Year.

Average number of Dependent and Neglected Children in Free Homes	221	
Average number of Dependent and Neglected Children in Boarding Homes	533	
Average number of Dependent and Neglected Children in Institutions	77	
Total average number of Dependent and Neglected Children		831
Average number of Juvenile Offenders in Suffolk School for Boys	133	
Average number of Juvenile Offenders on Probation from Suffolk School	*203	
Total average number of Juvenile Offenders		336
Average number of Truants in Parental School, ...	148	
Average number of Truants on Probation from Parental School	†243	
Total average number of Truants		391
Total average in care of the Department		<u><u>1,558</u></u>

* Of this number an average of 29 were placed by the Placing-Out Division in country homes, for two of whom board was paid.

† Of this number an average of 51 were placed by the Placing-Out Division in country homes, for 19 of whom board was paid.

TABLE NO. 2 A.

Total and Average Cost of the Three Divisions.

Placing-Out and Office Division	\$110,141 61
Parental School	56,082 68
Suffolk School for Boys	41,620 65
Total	<u>\$207,844 94</u>
Income from the three Divisions, (cash and bills forwarded to the City Collector,)	5,964 26
Total net cost	<u>\$201,880 68</u>
Average per capita cost of total number of children (1,558) under our care for the year	<u>\$129 58</u>
Average per capita expense of total number of children per week	<u>\$2 48</u>
Sawyer Marcella Street Home Fund Income	<u>\$155 47</u>

TABLE NO. 2 B.

Office Expenses.

Salaries	\$12,725 70
Expressage	587 53
Printing	554 51
Telephone	442 47
Postage	383 00
Stationery	228 90
Office expenses and library supplies	153 83
Total	<u>\$15,075 94</u>
Estimated proportion expended on work:	
For the Suffolk School probationers	\$1,400
For the Parental School probationers	1,400
For the Parental School	500
For the Suffolk School for Boys	500
	<u>\$3,800 00</u>
Estimated amount expended on work for the Placing-Out Division	11,275 94
Total	<u>\$15,075 94</u>

TABLE NO. 2 C.

Placing-Out Division.

Board of children (including an average of 21 probationers)	\$64,616 45
Board of children at Massachusetts Hospital School, (average, 52)	10,898 75
Board of children at Long Island and at State Hospitals (an average of 20)	2,210 39
Board of children at Massachusetts School for the Feeble-Minded, and at Massachusetts Hospital for Epileptics	*103 08
Clothing and children's furnishings	9,482 10
Transportation (visitation and travelling expenses),	4,688 91
Medical and surgical care and supplies	2,974 89
Expenses, account adoptions of children	81 10
Expenses of burial of child	10 00
Total	<u>\$95,065 67</u>

CREDITS.

Board paid for an average of 21 probationers	\$2,463 72
Cash received account board of children, sent to City Collector	977 78
Clothing furnished truants on probation, Increase in inventory of clothing Feb. 1, 1912, over Feb. 1, 1911	483 61
Clothing furnished delinquents on probation	179 56
Total credits	<u>\$4,622 00</u>
Net total	<u><u>\$90,443 67</u></u>

* This amount was for board of children at these Institutions previous to December 1, 1908, for whom no bill was rendered until during the year 1911, the settlement having been then determined to have been in Boston.

TABLE NO. 2 D.

Expenditures of Placing-Out Division	\$90,443 67
Estimated proportion of office expenses expended on this Division	11,275 94
	\$101,719 61
Cost of board of children at other institutions,	13,212 22
Net expenditures for dependent and neglected children in homes (free and boarding) .	<u>\$88,507 39</u>

TABLE NO. 2 E.

Total cost of dependent and neglected children placed in families (average 754)	<u>\$88,507 39</u>
Per capita expense of dependent and neglected children in families	<u>\$117 38</u>
Of the average number of dependent and neglected children boarded during the year (533),	
The average cost of board per capita was . . .	\$116 61
The average cost of clothing per capita (estimated),	14 74
The average cost of medical care per capita (esti- mated).	5 40
Total	<u>\$136 75</u>
Of the total number of children placed-out in families the average number boarded dur- ing the year (including an average of 21 probationers) was	554
The average number on indenture (including an average of 59 probationers) was .	280
The total average of children in country homes (both free and boarding homes) was	<u>834</u>
The cost of board for these children was . . .	\$64,616 45
Clothing	8,998 49
Transportation	4,688 91
Medical care	2,974 89
Total	<u>\$81,278 74</u>
Per capita expense of children placed in families, including these items	<u>\$97 46</u>

TABLE NO. 2 F.

Suffolk School for Boys.

Salaries :

Superintendent	\$2,000 00	
Officers and Matrons	12,560 83	
Teachers	3,421 99	
		\$17,982 82
Food and ice		8,065 07
Fuel and lights		3,259 16
Repairs and improvements		2,292 80
Laundry		1,973 45
Agricultural supplies		1,512 85
Furniture and utensils		1,216 92
Clothing and bedding		831 94
School and library supplies		485 23
Medical supplies and spectacles		341 88
Soap and disinfectants		166 43
Entertainment		114 10
Telephone		100 05
Sundries (including stationery, printing, express- age and transportation)		79 39
Insurance on boilers		40 00
		\$38,462 09

Industries :

Shoemaking	\$2,774 71	
Printing	383 85	
		3,158 56
Total		\$41,620 65

Estimated proportion of office expenses	500 00
	\$42,120 65

CREDITS.

Income from the Shoe-shop from other Divisions	\$2,447 10	
Income from the Printing Office from other Divisions and cash	513 00	
Miscellaneous	34 93	
Income received by City Collector		2,995 03
Net total		\$39,125 62

Per capita expense of an average of 133 boys at the Suffolk School during the year	\$294 18
Per capita expense per week	\$5 64
Shoes made by the Shoe-shop for boys at the Insti- tution	\$1,038 36
Printing done by the Printing Office for the Institu- tion	177 05
Making an additional income of	\$1,215 41

TABLE NO. 2 G.

Parental School.

Salaries :

Superintendent	\$2,000 00	
Officers and Matrons	17,433 31	
Teachers	7,495 96	
		\$26,929 27
Food and ice and water rates	10,725 07	
Fuel and lights	5,640 26	
Repairs and improvements	3,759 38	
Furniture and utensils	2,966 90	
Clothing and bedding	1,786 04	
Agricultural supplies	1,303 55	
Medical care and supplies and spectacles	794 13	
Soap and disinfectants	536 59	
School and library supplies	526 35	
Printing, stationery, postage and advertising	215 50	
Telephone	188 19	
Taxes and rent, Helen Cheever Cottage	179 42	
Laundry work	163 74	
Transportation	147 35	
Entertainment	113 57	
Expressage and freight	107 37	
		\$56,082 68
Estimated proportion of office expenses	500 00	
		\$56,582 68

CREDITS.

Laundry work for the Suffolk School for Boys	\$1,973 45	
Cash received for board of boys	18 00	
Income received by City Collector	1,991 45	
Net total	\$54,591 23	
Per capita expense of an average of 148 at the Parental School for the year, ...	\$368 87	
Per capita expense per week	\$7 07	
Laundry work for the officers and inmates of the Parental School, making an additional income, amounted to	\$2,145 81	

TABLE NO. 3.

*Inventory, and Appraisal of Real and Personal Estate,
January 31, 1912.*

OFFICE OF THE TRUSTEES AND PLACING-OUT DIVISION.

Furniture, etc.	\$900 00
Stationery and office supplies	325 00
Clothing and dry goods	3,307 35
Total	<u>\$4,532 35</u>

SUFFOLK SCHOOL FOR BOYS, RAINSFORD ISLAND.

Land	\$20,000 00
Buildings	40,000 00
	<u>\$60,000 00</u>
Bedding, clothing and dry goods	3,000 00
Household goods and furniture	3,000 00
Coal	100 00
School (equipment and supplies)	500 00
Agricultural Department, equipment and supplies	1,000 00
Engineering Department, equipment and supplies, ...	2,000 00
Shoemaking Department, equipment and supplies	6,000 00
Printing Department, equipment and supplies	2,000 00
Total	<u>\$77,600 00</u>

PARENTAL SCHOOL, WEST ROXBURY.

Land	\$52,500 00
Buildings (new school building, \$35,000)	250,000 00
	<u>\$302,500 00</u>
Furniture and household goods	6,300 00
Clothing, bedding and dry goods	3,500 00
Agricultural department, stock, vehicles and sup- plies	1,550 00
Coal	1,400 00
School equipment and supplies	1,000 00
Sundry other supplies	2,500 00
Total	<u>\$318,750 00</u>

STATISTICS OF THE SUFFOLK SCHOOL FOR BOYS.

TABLE NO. 4.

*Number Committed during the year ending January 31, 1912,
Classified by Offences.*

Offences against property :

	<i>Number.</i>	<i>Percent.</i>
Larceny	24	22.02
Breaking, entering and larceny	19	17.43
Breaking and entering	17	15.59
Attempt to break and enter	2	1.83
Attempting larceny	2	1.83
Wanton injury of property	1	.92
Unlawfully receiving stolen goods	1	.92

Offences against the person :

Larceny from the person	2	1.83
Unnatural act	1	.92

Other offences :

Stubborn child	18	16.53
Delinquent child	6	5.50
Idle and disorderly	1	.92
Returned from probation	15	13.76
Total	109	100.00

TABLE NO. 4 A.

Commitments, Discharges, and Number of Inmates during the last Ten Years.

	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
Total number in the Suffolk School for Boys at the beginning of the years . . .	112	119	131	148	160	120	145	142	137	115
Total number committed . . .	104	89	81	95	84	139	164	103	85	109
Total number during each year . . .	216	208	212	243	244	259	309	245	222	224
Total number discharged . . .	97	77	64	83	124	114	167	108	107	86
Total number on the books of the Institution at the close of each year . . .	119	131	148	160	120	145	142	137	115	138

TABLE NO. 5.

Number Released on Probation and Discharged during the Year, and their Condition at the end of the Year.

	TOTAL.	Doing well.	Conduct fair.	Conduct unsatisfactory.	Returned to the Suffolk School for Boys.	Massachusetts Reformatory.	Abandoned.	To Relatives out of State.
DISCHARGED FROM THE SUFFOLK SCHOOL FOR BOYS.								
Transferred to Massachusetts Reformatory	2							
Total discharged	2							
RELEASED ON PROBATION.								
To home, to attend school	11	9	1	1			3	5
To home, to work	59	34	6	6	4	1		
To be indentured	14	9		2			2	1
Total number released on probation	84	52	7	9	4	1	5	6
Total discharged and released on probation	86							

TABLE NO. 6.

*Number Committed during the Year from each of the Court
Districts of the City.*

South Boston	22
Roxbury	20
Juvenile	13
Dorchester	10
West Roxbury	7
Brighton	5
East Boston	5
Superior Court	5
Chelsea	4
Charlestown	3
	94
Returned	15
Total	<u>109</u>

TABLE NO. 7.

*Nativity, and Nativity of Father, of Boys Committed during
the Year.*

	NATIVITY.	PERCENT.	NATIVITY OF FATHER.	PERCENT.
Boston	70	64.22	18	16.51
Elsewhere in Massachu- setts	14	12.84	11	10.09
Elsewhere in United States	8	7.35	6	5.50
Foreign born	14	12.84	66	60.55
Unknown	3	2.75	8	7.35
Total	109	100.00	109	100.00

TABLE NO. 8.

Number Committed by Months during the Year.

February, 1911	.	.	7	September, 1911	.	.	10
March, " "	.	.	13	October, " "	.	.	8
April, " "	.	.	6	November, " "	.	.	9
May, " "	.	.	9	December, " "	.	.	6
June, " "	.	.	13	January, 1912	.	.	5
July, " "	.	.	8				
August, " "	.	.	15	Total	.	.	109

TABLE NO. 9.

Age of Boys at Commitment and at Release on Probation during the Year.

AGE.	Number Committed.	Percent.	Number Released on Probation.	Percent.
9 years	3	2.75	1	1.17
10 "	3	2.75	1	1.17
11 "	2	1.83		
12 "	9	8.25	4	4.65
13 "	15	13.76	3	3.48
14 "	12	11.	5	5.81
15 "	50	45.87	16	18.60
16 "	13	11.92	36	41.86
17 "	1	.94	15	17.44
18 " .....	..	....	4	4.65
Unknown	1	.93	1	1.17
Totals	109	100.00	86	100.00
Average age	14.12	....	15.51	

TABLE NO. 10.

*Boys Discharged or Released during the Year, Classified by
Duration of Commitment.*

3 months	1	19 months	4
5 "	1	20 "	4
6 "	2	21 "	1
7 "	7	22 "	3
8 "	10	23 "	1
9 "	9	24 "	1
10 "	2	25 "	1
11 "	4	27 "	1
12 "	3	29 "	1
13 "	7	34 "	1
14 "	5	36 "	1
15 "	8	45 "	1
16 "	2		
17 "	2	Total.....	86
18 "	3		

Average number of months, spent in the Suffolk School
for Boys by all boys released or discharged . . . 14.11

Average number of months, spent in the Suffolk School
for Boys by all boys released on probation . . . 15.33

TABLE NO. 11.

Conditions and Conduct at end of Year 1911 of all Boys on Probation outside the Suffolk School for Boys, subject to the Control of the Trustees.

CONDITION AND CONDUCT.	On Probation. At home.	On Probation. On indenture and boarding.	On Probation. Working inde- pendently.	All boys on probation.	
					Percent.
Doing well	139	16	3	158	73.83
Conduct fair	17	3	. .	20	9.35
Conduct unsatisfactory . . .	16	5	. .	21	9.81
Have been in other penal institutions	4	1	. .	5	2.34
Whereabouts and conditions unknown	5	5	. .	10	4.67
Total	181	30	3	214	100.00

TABLE NO. 12.

Status of all Boys under Twenty-one whose Names were on the Books of the Suffolk School for Boys from May 1, 1895, to January 31, 1912.

IN THE SUFFOLK SCHOOL FOR BOYS..... 138

RELEASED FROM THE SUFFOLK SCHOOL FOR BOYS, BUT
STILL SUBJECT TO THE CONTROL OF THE TRUSTEES.

At home.....	152
At home (attending school)	22
Boarding " "	2
Indentured (working)	23
Working independently	3
In penal institutions other than the Massachusetts Reformatory	2
Lost sight of temporarily	10
	214

DISCHARGED FROM THE CARE OF THIS DEPARTMENT.

Released to go out of State	96
In United States Army	26
In United States Navy and Marine Corps	74
Committed to Industrial School at Shirley	1
Committed to Massachusetts Reformatory this year,	5
Committed to Massachusetts Reformatory, former years	169
Deported	1
Discharged to Massachusetts State Prison.....	4
" to parents as unfit subjects.....	2
" to Sockanosset School	2
" to Lyman School	2
" to Parental School	2
" to Insane Hospital	2
" to School for Feeble-Minded	5
" to Home for Destitute Catholic Chil- dren	2
" to Pauper Department.....	1
" on account of error in commitment ...	2
" on decision of Corporation Counsel	1
" on writ of habeas corpus	2
" by order of Trustees.....	279
Fine cases discharged at expiration of sentence or on payment of fine, previously	199
Discharged on arriving at age of twenty-one	284
Died	31
	1,192

NAMES OCCURRING MORE THAN ONCE ON THE RECORDS.

Returned to Suffolk School for Boys this year	15
Returned to Suffolk School for Boys previously....	202
Recommitted to Suffolk School for Boys by courts this year	2
Recommitted to Suffolk School for Boys by courts previously	36
	255

Total 1,799

TABLE NO. 13.

Occupation of Boys Outside of the Suffolk School for Boys (subject to the control of the Trustees) having Employment January 31, 1912.

Liveryman	1	<i>Brought forward</i>	31
Errand boys	3	Express teamsters	2
Farmers	16	Fisherman	1
Florists	2	Messenger boys	5
Milkman	1	Office boys	7
Peddlers	4	Waiter	1
Sailor	1	Teamsters	11
Ushers	2	Actor	1
Hospital attendant	1		—
	—		59
<i>Carried forward</i>	31		

Employed in gas works	1
“ factories	17
“ stores	20
“ shoe shops	14
	—
	52

Barber	1
Bakers	4
Brass moulder	1
Carpenters	2
Electrician	1
Machinists	11
Painter	1
Piano maker	1
Plumbers	2
Printers	4
	—
	28
Total	139

STATISTICS OF THE PARENTAL SCHOOL.

TABLE NO. 14.

Movement of Population in the Parental School during the Year ending January 31, 1912.

	Number in School.	Committed.	Discharged.	Released on Probation.	Returned from Probation.	RECOMMENDED.	
						First time.	Second time.
February, 1911.....	162	54	15	103	25	20	5
January 31, 1912.....	123						

TABLE NO. 15.

Nativity, and Nativity of Fathers of Boys and Girls Committed during the Year.

	NATIVITY.	PERCENT.	NATIVITY OF FATHER.	PERCENT.
Boston.....	56	70.89	12	15.19
Elsewhere in Massachusetts.....	7	8.86	6	7.60
Elsewhere in United States.....	6	7.59	3	3.80
Foreign born.....	10	12.66	54	68.35
Unknown.....	..	....	4	5.06
Total.....	79	100.00	79	100.00

TABLE NO. 16.

*Place in Family of Boys and Girls Committed and Returned
from Probation during the Year.*

GROUP.	NUMBER.
To eldest child group	17
To youngest child group.....	12
To only child group	6
Total.....	35

TABLE NO. 16 A.

*Parental Relations of Boys and Girls Committed and Returned
from Probation during Year.*

PARENTAL RELATION.	NUMBER.	PERCENT.
Both parents living	41	51.90
Father only living	14	17.72
Had stepmother	1	1.27
Mother only living	14	17.72
Had stepfather	5	6.33
Both parents dead	4	5.06
Total.....	79	100.00

TABLE NO. 17.

Ages of Boys and Girls at Commitment during the Year.

AGE.	NUMBER.	PERCENT.
8 years	3	3.80
9 "	6	7.59
10 "	9	11.39
11 "	13	16.46
12 "	21	26.58
13 "	20	25.32
14 "	4	5.06
15 "	3	3.80
Total	79	100.00
Average age : 12 years, 7 months, 4 days.		

TABLE NO. 18.

Number of Boys and Girls Committed and Returned from Probation from each of the Court Districts for the Year.

COURT DISTRICTS.	NUMBER.	PERCENT.
Roxbury	23	29.12
South Boston	15	18.99
East Boston	14	17.72
Juvenile (Central)	12	15.19
Dorchester	6	7.59
Charlestown	4	5.06
West Roxbury	3	3.80
Central	2	2.53
Total	79	100.00

TABLE NO. 19.

Average Attendance and number Committed, Discharged, Released on Probation, and Returned from Probation, by Months, during the Year.

MONTH.	Committed.	Returned from Probation.	Discharged.	Released on Probation.	Average Attendance.
February, 1911	6	2	2	7	159.71
March, "	4	5	..	3	164.41
April, "	6	1	..	11	165.16
May, "	4	..	3	11	158.90
June, "	7	2	..	4	157.23
July, "	..	1	2	6	154.83
August, "	2	3	1	1	153.
September, "	..	..	2	17	144.40
October, "	12	1	2	19	129.38
November, "	6	6	1	8	127.60
December, "	5	2	..	8	129.54
January, 1912	2	2	2	8	127.64
Total	54	25	15	103	147.65

TABLE NO. 20.

*Boys and Girls Discharged and Released during the Year 1911,
Classified by duration of Commitment.*

Six months or less.....	3	<i>Brought forward</i>	52
Seven " "	4	Fifteen months or less...	8
Eight " "	3	Sixteen " " ...	8
Nine " "	2	Seventeen " " ...	5
Ten " "	10	Eighteen " " ...	11
Eleven " "	11	Nineteen " " ...	2
Twelve " "	3	Twenty " " ...	5
Thirteen " "	3	Twenty-two " " ...	3
Fourteen " "	13	More than twenty-two months	24
<i>Carried forward</i>	52	Total.....	118

Average time spent in the Parental School by boys and girls discharged and released during the year: 17 months, 15 days.

STATISTICS OF THE PLACING-OUT DIVISION.

TABLE NO. 21.

Total Number of Investigations during the Year.

INVESTIGATIONS.	NUMBER.	PERCENT.
For admission	991	39.11
Miscellaneous	1,043	41.16
Of boarding homes	64	2.53
Of free homes	55	2.17
For adoption and guardianship	11	.43
For release from Placing-Out Division	110	4.34
For release from Suffolk School for Boys (to parents' homes)	100	3.94
For release from Parental School on pro- bation (to parents' homes).....	120	4.74
For return to Suffolk School for Boys from probation	15	.59
For return to the Parental School from pro- bation	25	.99
Total	2,534	100.00

TABLE NO. 22.
Disposal of Applications for Admission of Dependent Children during the Year.

	SETTLEMENT IN BOSTON.		SETTLEMENT NOT IN BOSTON.		SETTLEMENT NOT OBTAINED.		TOTAL.	
	1911.	Percent.	1911.	Percent.	1911.	Percent.	1911.	Percent.
DISPOSAL.								
Admitted	218	65.07	. . .	. . .	. . .	. . .	218	44.40
Pending	12	3.58	. . .	. . .	. . .	. . .	12	2.45
Withdrawn	86	25.57	10	7.16	14	87.50	110	22.42
Refused	1	.30	. . .	. . .	. . .	. . .	1	.20
Referred to the State Minor Ward Department	. . .	. . .	70	50.	1	6.25	71	14.50
the Division of State Adult Poor	. . .	. . .	. . .	. . .	. . .	. . .	8	1.60
the Overseers of Poor, Boston	. . .	2.39	49	35.	1	6.25	50	10.20
Overseers of Poor, elsewhere	. . .	. . .	1	.71	. . .	. . .	1	.20
Home for Destitute Catholic Children	. . .	. . .	1	.71	. . .	. . .	1	.20
Catholic Charitable Bureau	. . .	. . .	. . .	. . .	. . .	. . .	1	.20
Society Prevention Bureau to Children	5	.30	. . .	. . .	. . .	. . .	5	1.03
Mass. Eye and Ear Infirmary	1	1.49	. . .	. . .	. . .	. . .	1	.20
State Board of Education	. . .	.30	. . .	. . .	. . .	. . .	1	.20
Boston School for Deaf	. . .	. . .	1	.71	. . .	. . .	1	.20
Institutions Registration Department	. . .	. . .	1	.71	. . .	. . .	1	.20
Boston Consumptives' Hospital	1	.30	2	1.43	. . .	. . .	2	.40
Application made at School for Feeble-Minded	. . .	. . .	. . .	. . .	. . .	. . .	1	.20
Application made at Hospital for Epileptics	1	.30	2	1.43	. . .	. . .	3	.60
Sent to State Hospital	. . .	. . .	2	1.43	. . .	. . .	2	.40
Sent to Insane Hospital	. . .	. . .	1	.71	. . .	. . .	1	.20
Total	335	100.00	140	100.00	16	100.00	491	100.00

Twenty-four dependent children were admitted this year for whom application had been made last year.

TABLE NO. 23.

Number of Dependent and Neglected Children Admitted during the Year.

	BOYS.	GIRLS.	TOTAL.
Dependent Children	122	120	242
Neglected Children	9	15	24
Total.....	131	135	266

TABLE NO. 24.

Nativity, Parent Nativity (Father), and Color of Children Received during the Year.

	DEPENDENT.		NEGLECTED.	
	1911.	Percent.	1911.	Percent.
Native born	235	97.11	23	95.83
Foreign born	7	2.89	1	4.17
Total	242	100.00	24	100.00
White	241	99.59	21	87.50
Colored.....	1	.41	3	12.50
NATIVITY OF FATHER.				
Native born	70	28.93	3	12.50
Canada and Provinces ..	21	8.68	5	20.83
Foreign born	127	52.47	14	58.33
Unknown	24	9.92	2	8.34
Total	242	100.00	24	100.00

TABLE NO. 25.

Parental Relation of Children Admitted during the Year.

	DEPENDENT.		NEGLECTED.	
	1911.	Percent.	1911.	Percent.
Had both parents	126	52.07	16	66.66
No parents	20	8.37	1	4.17
Father only	34	13.87	1	4.17
Mother only	36	14.89	3	12.50
Illegitimate	26	10.80	3	12.50
Total	242	100.00	24	100.00
Step-father	5	....	1	
Step-mother	6			
Father sick or disabled,	18			
Mother sick or disabled,	72	....	8	
Both parents sick or disabled	11			
Head of family out of employment	48	....	3	
Intemperate father	66	....	5	
Intemperate mother	5	....	7	
Both parents intemperate	2	....	3	
Parents separated	63	....	2	
Members of family had been arrested	49	....	13	
Parents known to have received charitable aid,	151	....	14	

TABLE NO. 26.

Applications for Release, to Parents or Friends, Received during the Year.

	APPLICATIONS.		GRANTED.		REFUSED.		UNDER CONSIDERATION.		WITHDRAWN.	
	1911.	Percent.	1911.	Percent.	1911.	Percent.	1911.	Percent.	1911.	Percent.
Dependent children	118	34.60	106	37.19	3	11.11	5	29.41	4	33.33
Neglected children	3	.88	..	....	1	3.70	2	11.76		
From Parental School	120	35.19	99	34.74	10	37.04	3	17.65	8	66.67
From Suffolk School for Boys	100	29.33	80	28.07	13	48.15	7	41.18		
Total	341	100.00	285	100.00	27	100.00	17	100.00	12	100.00

TABLE NO. 27.

Ages of all Dependent and Neglected Children who were in Charge, Placed-Out, January 31, 1912.

AGES.	BOARDED.					INDENTURED.					TOTAL OF BOTH FOR THE YEAR.	Percent.	
	DEPENDENT.		NEGLECTED.		Percent.	DEPENDENT.		NEGLECTED.		TOTAL INDENTURED.			Percent.
	Girls.	Boys.	Girls.	Boys.									
Under 1 year	8	3	. .	1	12	2.13	. .	. .	. .	12	1.56		
" 3 years and over 1	24	21	3	1	49	8.70	. .	. .	. .	49	6.35		
" 5 " " 3	38	29	3	7	77	13.68	. .	2	. .	3	1.44		
" 10 " " 5	69	104	14	12	199	35.34	8	2	2	12	5.74		
" 12 " " 10	39	50	12	9	110	19.54	7	4	. .	11	5.26		
" 15 " " 12	23	54	15	10	102	18.12	24	16	8	61	29.19		
Over 15	6	6	2	. .	14	2.49	33	51	20	18	122	58.37	
Total	207	267	49	40	563	100.00	72	75	30	32	209	100.00	

TABLE NO. 28.

Children Discharged during the Year.

	BOYS.	GIRLS.	TOTAL.
From Indenture	32	47	79
From Boarding	52	49	101
From other Institutions	24	30	54
Total	108	126	234

TABLE NO. 29.

Discharged from Indenture during the Year.

	BOYS.	GIRLS.	TOTAL.
Arrived at age	6	3	9
Discharged to friends and relatives	11	11	22
Adopted	..	3	3
Self-supporting	14	27	41
Committed to Institutions	2	2	4
Total	33	46	79

TABLE NO. 30.

*Applications from People desiring to take Children to Board
or on Indenture.*

APPLICATIONS.	BOARDING.	INDENTURE.
Total received	144	147
Approved	46	45
Disapproved	12	7
Withdrawn	12	13
Filled	24	21
Unfilled (on hand)	70	66

TABLE NO. 31.

Transfers during the Year.

Boys	201
Girls	239
Total	440

TABLE NO. 32.

Transfers of Indentured Children during the Year.

TRANSFERS.	BOYS.	GIRLS.	TOTAL.
From indenture to indenture.....	17	41	58
From indenture to boarding.....	30	29	59
Total.....	47	70	117

TABLE NO. 33.

Indentured for first time during the Year.

INDENTURED.	BOYS.	GIRLS.	TOTAL.
From office	..	2	2
From boarding homes	24	26	50
Total	24	28	52

TABLE NO. 34.

Ages of Children Indentured (for first time) during the Year.

AGE.	BOYS.		GIRLS.		TOTAL.
	Dependent.	Neglected.	Dependent.	Neglected.	
3 years	2	..	..	..	2
4 "	..	1	..	..	1
6 "	..	..	1	..	1
7 "	..	..	..	1	1
8 "	..	..	1	..	1
10 "	..	..	2	..	2
12 "	1	1	..	..	2
13 "	2	..	3	1	6
14 "	5	5	5	2	17
15 "	7	..	2	..	9
16 "	..	..	6	1	7
17 "	..	..	1	1	2
20 "	..	..	1	..	1
Total	17	7	22	6	52

TABLE NO. 35.

Location of Children at Board and on Indenture January 31, 1912.

LOCATION.	BOARDED.					INDENTURED.				
	Number of towns where children are placed.	Number of children.	Greatest number in any one town.	Average number in one town.	Number of towns with more than five children.	Number of towns where children are placed.	Number of children.	Greatest number in any one town.	Average number in one town.	Number of towns with more than five children.
Massachusetts.....	84	562	32	7	38	81	189	18	2	6
New Hampshire	1	1	1	1	..	7	10	2	1	..
Vermont	..	..	..	..	..	3	4	2	1	..
Rhode Island	..	..	..	..	..	1	2	2	1	..
New York	..	..	..	..	..	1	1	1	1	..
Nova Scotia	..	..	..	..	..	1	1	1	1	..
New Jersey	..	..	..	..	..	1	1	1	1	..
Connecticut	..	..	..	..	..	1	1	1	1	..
Total.....	85	563	33	8	38	96	209	28	9	6

TABLE NO. 36.

Classification of Homes January 31, 1912.

CLASSIFICATION.	BOARDING HOMES.			FREE HOMES.		
	Children Unrelated.	Children Related.	Total.	Children Unrelated.	Children Related.	Total.
Number of homes with one child	90	. .	90	195	. .	195
“ “ two children	47	39	86	4	3	7
“ “ three “	24	28	52			
“ “ four “	6	12	18			
“ “ five “	5	3	8			
“ “ more than five children	4	2	6			

TABLE NO. 37.

Schooling of Placed-Out Children during the Year.

	BOARDED.	INDENTURED.	TOTAL.
CHILDREN ATTENDING SCHOOL.			
Of age (5-15)	398	42	440
Over school age	6	20	26
CHILDREN NOT ATTENDING SCHOOL.			
Over school age	10	145	155
Under school age	145	2	147
Mentally unfit	2	..	2
Physically unfit	2	..	2
Total	563	209	772

TABLE NO. 38.

*Average Number of Visits made to Dependent and Neglected
Children during the Year.*

Total number of children subject to visits (dependent and neglected)	772
Total number of visits made	3,358
Average number of visits to each child	4-|-

TABLE NO. 39.

*Distribution of Children on the Rolls of this Department in the
Care of other Institutions.*

Massachusetts Hospital School	47
Long Island Hospital	15
House of the Good Shepherd	3
Boston City Hospital	2
Peabody Home for Crippled Children	1
State Hospital	1
Perkins Institution for the Blind	1
American School for the Deaf	1
House of the Good Samaritan	1
Chardon Street Home	1
Lakeville Sanatorium	1
Total	<u>74</u>

TABLE NO. 40.

Deaths that have Occurred in the Placing-Out Division during the Year.

CASE NUMBER.	ADMITTED.	AGE AT DEATH.			CAUSE OF DEATH.	IN CARE OF DEPARTMENT.		
		Yrs.	Mos.	Days.		Yrs.	Mos.	Days.
First.	Feb. 7, 1908.	15	8	1	Pneumonia	3	3	17
Second	Aug. 20, 1908.	17	10	26	Heat prostration	2	10	16
Third	Feb. 18, 1910.	1	..	28	Tuberculosis	..	11	15
Fourth	April 16, 1910.	13	9	..	Pneumonia	1	7	21
Fifth	July 5, 1910.	12	1	10	Heart disease	..	5	8
Sixth.	Sept. 27, 1910.	..	11	16	Enterocolitis	..	10	15
Seventh.	Oct. 26, 1910.	1	2	29	Pneumonia	..	4	29
Eighth	Nov. 30, 1910.	..	8	..	Tuberculosis	..	2	16
Ninth	Dec. 23, 1910.	..	4	11	Inanition	..	4	11
Tenth	Feb. 6, 1911.	..	4	29	Acute Bronchitis	..	1	23
Eleventh	April 18, 1911.	..	11	2	Pneumonia	..	9	9
Twelfth	April 27, 1911.	..	6	29	Syphilis and Phthisis	..	12	2
Thirteenth	May 4, 1911.	1	6	29	Syphilis	..	2	..
Fourteenth	May 28, 1911.	2	10	8	Infantile Paralysis	..	..	8
Fifteenth	May 15, 1911.	..	8	6	Acute intestinal Indigestion	..	..	4
Sixteenth	June 28, 1911.	..	4	28	Congenital Syphilis	..	2	13
Seventeenth	Nov. 4, 1911.	14	5	19	Chronic Nephritis	..	..	7



ANNUAL REPORT
OF THE
CITY CLERK DEPARTMENT
FOR THE YEAR 1911-12.

CITY HALL, February 1, 1912.

HON. JOHN F. FITZGERALD,
Mayor of the City of Boston:

SIR,— In compliance with the provisions of the Revised Ordinances, I submit the following report of the business of the city clerk's office for the fiscal year ending January 31, 1912.

During the municipal year the city council held sixty meetings, including nineteen special meetings, and took action upon a great many matters of importance. Among the subjects finally disposed of were the much discussed questions of street lighting and of the disposal of refuse and garbage. The appropriations included one of \$800,000 for an annex to City Hall, and other improvements were provided for by transfer or loan to such an extent as to make the year a noteworthy one in the line of municipal improvements.

The annexation of Hyde Park on January 1, 1912, occurred so late in the year that the effect on the work of the department cannot yet be determined, but the fact that the city clerk of Boston became the custodian of the records of the town of Hyde Park serves to emphasize the necessity, to which attention has been many

times called, of providing proper facilities for the convenient storage and handling of the thousands of ancient papers, documents and volumes now in charge of this office.

Although the work of the office has kept pace with the natural increase in the city's population and business, and notwithstanding the fact that at least a dozen new duties have been imposed upon the city clerk by statute in the last few years, there has been no increase in the number of employees.

The details of the business and financial affairs of the office follow:

PAPERS RECORDED OR FILED.

	1909-10.	1910-11.	1911-12.
Mortgages, bills of sales, etc.....	8,327	8,606	8,395
Assignment of wages.....	404	466	542
Married women's certificates.....	358	328	348
Liens on vessels.....	70	89	43
Assignments for the benefit of creditors.....	125	115	130
Descriptions of devices and utensils used in trade.....	7	8	8
Business certificates (Acts 1907, chapter 539)....	1,383	1,288	1,367
Contracts or copies of same (Acts 1907, chapter 343).....	1,119	996	986
Certificates, spayed dogs.....	36	32	29
Liquor license bonds.....	1,216	1,315	1,173
Accident notices.....	262	295	302
Liens for labor or material.....	62	12	60
Declarations of trust (Acts 1909, chapter 441)....	15	19	20
Bonds for blasting (Acts 1911, chapter 325).....			54
Pole locations (Acts 1911, chapter 509).....			114

MISCELLANEOUS.

	1909.	1910.	1911.
Minors' licenses issued.....	1,812	1,781	1,767
Inflammable fluids, etc., certificates.....	159	80	121
Hunters' licenses.....	1,311	1,549	1,738
Jurors drawn.....	2,705	2,324	3,106
Constables' bonds approved.....	94	104	98
Licenses issued for sale of firearms (Acts 1911, chapter 495).....			110

RECEIPTS AND EXPENDITURES.

Receipts.

	1909-10.	1910-11.	1911-12.
Mortgage fees, etc., and certified copies.....	\$6,567 45	\$6,524 60	\$6,518 55
Inflammable fluids, etc.....	133 50	53 00	60 50
Miscellaneous.....	50	.....	3 00
Reimbursement for notices on electric pole locations.....	6 48	656 61	223 61
Minors' licenses.....	.....	348 50	441 75
Licenses for sale of firearms.....	.....	.....	220 00
	\$6,707 93	\$7,582 71	\$7,467 41

Expenditures.

	1909-10.	1910-11.	1911-12.
Salaries.....	\$40,759 63	\$42,234 70	\$41,148 57
Stationery.....	1,171 93	963 30	566 59
Postage.....	170 00	163 00	160 00
Advertising.....	134 10	.....	1,504 74
Telephone service.....	213 76	214 05	185 42
Printing.....	395 33	463 44	271 99
Traveling expenses.....	30 19	25 90	28 64
Sundry office expenses.....	25 28	23 79	125 80
Badges for minors.....	.....	191 59	456 25
	<u>\$42,900 22</u>	<u>\$44,279 77</u>	<u>\$44,448 00</u>
Appropriation.....	\$45,000 00	\$45,000 00	\$46,000 00

Respectfully submitted,

JOHN T. PRIEST,

City Clerk.



ANNUAL REPORT

OF THE

COLLECTING DEPARTMENT

FOR THE YEAR 1911-12.

COLLECTING DEPARTMENT,
BOSTON, February 1, 1912.

To the Mayor and City Auditor of the City of Boston:

SIRS,— The undersigned, in compliance with chapter 14, section 6, of the Revised Ordinances of 1898, herewith presents a report for the year which ended January 31, 1912, of all moneys received by him, and the disposition thereof, and of the accounts upon which such moneys have been received. Also a statement of the leases and tax titles in custody of the Collector belonging to the City of Boston, January 31, 1912.

Respectfully submitted,

BOWDOIN S. PARKER,

Collector of the City of Boston and County of Suffolk.

COLLECTING DEPARTMENT—RECEIPTS.

Money received and credited as follows:

Bath Department.

Use of bathing suits, etc., 1911-1912.....	\$23,270 26
Commission on telephone.....	35 39
Commission on Weighing Machines,	49 36
Sale of junk.....	14 15
Sale of lockers.....	20 00
Sale of pianos.....	25 00

\$23,414 16
650 80

Rents, 1911-1912.....

\$24,064 96

Building Department.

Gas Fitters' Licenses, 1911-1912.....	\$15 50
Shoring Buildings, 1911-1912.....	35 50
Shoring Buildings, 1910-1911.....	38 40

89 40

Cemetery Department.

Dorchester North Burial Ground:

Fees:

Care of lots.....	\$350 00
Interments.....	109 20

\$459 20

Income on Trust Funds.....

155 97

\$615 17

Dorchester North Burial Ground Trust Fund:

Perpetual care of lots..... 404 00

Dorchester South Cemetery:

Fees:

Care of lots.....	\$55 00
Interments.....	106 80

\$161 80

Income on Trust Funds.....

28 52

190 32

Dorchester South Cemetery Trust Fund:

Perpetual care of lots..... 510 00

Central Cemetery:

Fees, Interments..... 26 53

Bennington Street Cemetery:

Fees, Interments..... 95 00

Granary Burial Ground:

Fees, Interments..... 46 65

Evergreen Cemetery:

Sale of lots.....	\$1,267 50
Sale of graves.....	795 00

\$2,062 50

Carried forward.....

\$2,062 50

\$1,887 67

\$24,154 36

<i>Brought forward</i>	\$2,062 50	\$1,887 67	\$24,154 36
Cemetery Department.— Cont.			
Evergreen Cemetery.— <i>Cont.</i>			
Fees:			
Care of lots.....	\$709 00		
Interments.....	779 40		
	1,488 40		
Income on Trust Funds.....	632 28		
		4,183 18	
King's Chapel Burial Ground:			
Interment.....		7 22	
Evergreen Cemetery Trust Fund:			
Perpetual care of lots.....		1,028 00	
Mt. Hope Cemetery:			
Sale of lots.....	\$3,659 00		
Sale of graves.....	5,829 00		
	\$9,488 00		
Fees:			
Care of lots.....	\$2,861 67		
Interments.....	8,736 45		
	11,598 12		
Income on Trust Funds.....	4,112 30		
		25,198 42	
Mt. Hope Cemetery Trust Fund:			
Perpetual care of lots.....		4,301 00	
Westerly Burial Ground:			
Fees, Interments.....	\$25 00		
Income on Trust Funds.....	175 00		
		200 00	
Phipps Street Burial Ground:			
Fees, Interments.....		47 50	
Income French Fund.....		400 00	
			37,252 99
Hyde Park Fairview Cemetery:			
Grave.....		\$5 00	
Interments.....		70 00	
			75 00
Charles River Embankment.			
Assessments, 1911–1912.....		\$172,066 49	
Interest.....		444 84	
			172,511 33
City Clerk Department.			
Power boat license.....		\$2 00	
Recording mortgages.....		6,307 00	
Explosives, licenses.....		60 50	
Firearms.....		220 00	
Minors' licenses.....		441 75	
Notification under chapter 237,			
Acts 1903.....		223 61	
Money found.....		1 00	
Certified copies.....		211 55	
			7,467 41
Records of streets.....			10 00
City Documents.			
Sale of Revised Ordinances.....			28 00
<i>Carried forward</i>			\$241,499 09

<i>Brought forward</i>			\$241,499 09
Collecting Bank Tax.			
From State of Massachusetts, 1 per cent commission for collecting Bank Tax 1911.....			6,410 16
Collecting Department.			
Fees on taxes.....	\$16,703 80		
Fees on miscellaneous assessments..	2,733 69		
Certificates.....	3,168 00		
Redemption of deeds.....	356 00		
		\$22,961 49	
Hyde Park:			
Fees on taxes.....	\$29 20		
Fees on sewers.....	20		
		29 40	
			22,990 89
Conscience Fund.			
Money paid in.....			41 00
Consumptives' Hospital Depart- ment.			
Board of patients, 1911-1912.....		\$1,084 08	
Board of patients, 1910-1911.....		158 00	
Sale of bones, etc., 1911-1912.....		131 54	
Sale of cabbages, 1911-1912.....		25 22	
Sale of barrels, 1911-1912.....		2 25	
Sale of medicine, 1911-1912.....		277 05	
Sale of scions, 1911-1912.....		50	
Birth registration.....		2 00	
			1,680 64
Duplicate and Overpayments.			
On taxes.....		\$6,203 03	
On water rates.....		1,673 60	
Gypsy and brown-tail moths.....		295 47	
Highway, Making of.....		129 50	
Street construction.....		239 68	
Sewerage works.....		159 80	
Blue Hill avenue.....		6 06	
Sewer Service.....		28 64	
			8,735 78
Election Department.			
Refund on gas.....		\$5 76	
Sale of old paper.....		66 89	
Sale of voting booths.....		1,129 89	
			1,202 54
Ellen C. Johnson Fountain Fund Income.			
Income on Fund.....			105 00
Fence Viewers.			
Fees.....			80 00
Fire Department.			
Powder and fireworks licenses, 1911- 1912.....	\$101 50		
Sale of old materials, etc., 1911-1912,	2,048 02		
<i>Carried forward</i>	\$2,149 52		\$282,745 10

<i>Brought forward</i>	\$2,149 52		\$282,745 10
Fire Department.—Cont.			
Sale of manure, 1911–1912.....	227 00		
Heating Dover Street Bath House, 1911–1912.....	3,455 91		
Sale of books.....	2 50		
Sale of uniform cloth.....	22 75		
Badges.....	329 00		
Sale of old bells.....	1,803 42		
Damage to fire-alarm boxes.....	138 47		
Insurance on repair shop.....	50 00		
Permits, Powder.....	141 75		
Labor.....	10 50		
		\$8,330 82	
Rent.....		32 00	
Sale of fireboat Engine No. 31.....		2,555 00	
			10,917 82
Fitzgerald Firemen's Gold Medal Fund Income.			
Income.....			30 00
Franklin Fund.			
Income on Investment.....			770 00
Franklin Union Andrew Carnegie Donation.			
Income on Investment.....			22,420 00
George B. Hyde Bequest.			
Income on Trust Funds.....			80 00
Hay Scales.			
Fees from North Scales.....			202 94
Health Department.			
Convenience Station, 1911–1912...	\$105 29		
Contagious cases, 1910–1911.....	108 00		
Manicure licenses.....	707 00		
Grease licenses.....	90 00		
Manure.....	4 00		
Interest.....	7 76		
Sale of harness and wagon, 1911– 1912.....	15 00		
Nurses' coats.....	15 00		
		\$1,052 05	
Quarantine:			
Fees, 1911–1912..... \$3,570 00			
“ 1910–1911..... 75 00			
	\$3,645 00		
Disinfecting:			
1911–1912..... \$1,340 00			
1910–1911..... 66 00			
	1,406 00		
Medical treatment:			
1911–1912..... \$6,191 75			
1910–1911..... 24 00			
	6,215 75		
		11,266 75	
<i>Carried forward</i>		\$12,318 80	\$317,165 86

<i>Brought forward</i>		\$12,318 80	\$317,165 86
Health Department.—Cont.			
Inspection of Milk and Vinegar:			
License fees.....		2,438 55	14,757 35
Highways, Making of.			
Sidewalk Assessments, 1892-1893..	\$36 38		
Interest on ditto.....	18 18		
		\$54 56	
Sewer Assessments:			
1904-1905.....	\$658 02		
1903-1904.....	59 24		
1898-1899.....	99 67		
1897-1898.....	26 87		
1896-1897.....	71 32		
1895-1896.....	22 68		
1894-1895.....	63 42		
1893-1894.....	648 38		
1892-1893.....	6 75		
	\$1,656 35		
Interest on ditto.....	1,043 39		
		2,699 74	
Construction of Aberdeen Street, 1901-1902.....	\$181 36		
Interest on ditto.....	100 86		
	\$282 22		
Construction of Ainsley Street, 1905-1906.....	\$38 25		
Interest on ditto.....	21 26		
	59 51		
Construction of Albany and North- ampton Streets, 1902- 1903.....	\$29 25		
Interest on ditto.....	16 25		
	45 50		
Construction of Alexander Street, 1902-1903.....	\$203 26		
Interest on ditto.....	112 92		
	316 18		
Construction of Alpha Road, 1911-1912.....	\$1,213 06		
Interest on ditto.....	1 55		
	1,214 61		
Construction of Alther Street, 1911-1912.....		140 61	
Construction of Amory Street, 1902-1903.....	\$718 91		
Interest on ditto.....	10 49		
	729 40		
Construction of Andrews Street, 1900-1901.....	\$28 30		
Interest on ditto.....	15 72		
	44 02		
Construction of Angell Street, 1903-1904.....	\$43 20		
Interest on ditto.....	24 00		
	67 20		
<i>Carried forward</i>	\$2,899 25	\$2,754 30	\$331,923 21

<i>Brought forward</i>	\$2,899 25	\$2,754 30	\$331,923 21
Highways, Making of.— <i>Cont.</i>			
Construction of Annabel Street, 1902-1903.....	\$389 55		
Interest on ditto.....	118 50		
	508 05		
Construction of Arcadia Park, 1909-1910.....	\$66 54		
Interest on ditto.....	30 93		
	97 47		
Construction of Ashland Street, 1910-1911.....	\$219 95		
Interest on ditto.....	13 20		
	233 15		
Construction of Ashley Street, 1902-1903.....	\$26 58		
Interest on ditto.....	14 77		
	41 35		
Construction of Aspinwall Road, 1908-1909.....	\$170 18		
Interest on ditto.....	56 10		
	226 28		
Construction of Astor Street 1901-1902.....	\$17 12		
Interest on ditto.....	9 52		
	26 64		
Construction of Athelwold Street, 1900-1901.....	\$69 74		
Interest on ditto.....	38 76		
	108 50		
Construction of Atherstone Street, 1900-1901.....	\$24 82		
Interest on ditto.....	13 78		
	38 60		
Construction of Bakersfield Street, 1908-1909.....	\$112 23		
Interest on ditto.....	37 65		
	149 88		
Construction of Barrington Street, 1902-1903.....	\$71 44		
Interest on ditto.....	39 71		
	111 15		
Construction of Barry Street, 1903-1904.....	\$106 69		
Interest on ditto.....	59 28		
	165 97		
Construction of Bayswater Street, 1909-1910.....	\$211 04		
Interest on ditto.....	75 57		
	286 61		
Construction of Belfast Street, 1911-1912.....			268 77
Construction of Bellevue Street, 1910-1911.....	\$429 03		
Interest on ditto.....	53 66		
	482 69		
<i>Carried forward</i>	\$5,644 36	\$2,754 30	\$331,923 21

<i>Brought forward</i>	\$5,644 36	\$2,754 30	\$331,923 21
Highways, Making of.—Cont.			
Construction of Belvidere Street, 1903-1904..... \$213 24			
Interest on ditto..... 118 48			
	331 72		
Construction of Bennington Street, 1908-1909..... \$4,538 32			
Interest on ditto..... 1,248 54			
	5,786 86		
Construction of Benton Street, 1911-1912..... \$752 32			
Interest on ditto..... 7 85			
	760 17		
Construction of Berkeley Street, 1904-1905..... \$1 89			
Interest on ditto..... 1 05			
	2 94		
Construction of Bernard Street, 1910-1911.. \$798 93			
1900-1901.. 49 15			
	\$848 08		
Interest on ditto..... 52 32			
	900 40		
Construction of Bird Street, 1905-1906..... \$24 80			
Interest on ditto..... 13 78			
	38 58		
Construction of Blanche Street, 1905-1906..... \$100 71			
Interest on ditto..... 55 95			
	156 66		
Construction of Blandford Street, 1905-1906..... \$87 51			
Interest on ditto..... 48 62			
	136 13		
Construction of Bloomfield Street, 1898-1899..... \$7 04			
Interest on ditto..... 8 14			
	15 18		
Construction of Boston Street, 1903-1904..... \$115 24			
Interest on ditto..... 64 03			
	179 27		
Construction of Bowen Street, 1905-1906..... \$101 53			
Interest on ditto..... 56 41			
	157 94		
Construction of Boyden Street, 1908-1909..... \$51 81			
Interest on ditto..... 14 13			
	65 94		
Construction of Brackett Street, 1904-1905..... \$448 13			
Interest on ditto..... 109 39			
	557 52		
<i>Carried forward</i>	\$14,733 67	\$2,754 30	\$331,923 21

<i>Brought forward</i>	\$14,733 67	\$2,754 30	\$331,923 21
Highways, Making of.— Cont.			
Construction of Bradshaw Street, 1908-1909.....	\$23 53		
Interest on ditto.....	8 12		
	31 65		
Construction of Brookline Avenue, 1905-1906.....	\$1,036 23		
Interest on ditto.....	222 79		
	1,259 02		
Construction of Bruce Street, 1910-1911.....	\$12 50		
Interest on ditto.....	6 05		
	18 55		
Construction of Burt Street, 1903-1904.....	\$239 37		
Interest on ditto.....	99 49		
	338 86		
Construction of Bynner Street, 1905-1906.....	\$21 83		
Interest on ditto.....	12 13		
	33 96		
Construction of Calder Street, 1905-1906.....	\$7 50		
Interest on ditto.....	1 50		
	9 00		
Construction of Callender Street, 1902-1903.....	\$345 59		
Interest on ditto.....	191 98		
	537 57		
Construction of Cambridge Street, 1903-1904.....	\$212 54		
Interest on ditto.....	98 38		
	310 92		
Construction of Capen Street, 1905-1906.....	\$182 77		
Interest on ditto.....	72 09		
	254 86		
Construction of Carlos Street, 1900-1901.....	\$21 32		
Interest on ditto.....	11 84		
	33 16		
Construction of Carlow Street, 1902-1903.....	\$41 17		
Interest on ditto.....	15 75		
	56 92		
Construction of Carmen Street, 1910-1911.....	\$1,094 80		
Interest on ditto.....	39 49		
	1,134 29		
Construction of Carter Street, 1904-1905.....	\$40 47		
Interest on ditto.....	22 48		
	62 95		
Construction of Chamberlain Street, 1900-1901....	\$10 32		
Interest on ditto.....	5 74		
	16 06		
<i>Carried forward</i>	\$18,831 44	\$2,754 30	\$331,923 21

<i>Brought forward</i>	\$18,831 44	\$2,754 30	\$331,923 21
Highways, Making of.— Cont.			
Construction of Chamblet Street, 1899-1900.....	\$5 33		
Interest on ditto.....	2 96		
	8 29		
Construction of Charlestown Street, 1903-1904....	\$1,949 81		
Interest on ditto.....	1,083 22		
	3,033 03		
Construction of Charlotte Street, 1905-1906.....	\$101 73		
Interest on ditto.....	24 04		
	125 77		
Construction of Chester Street, 1900-1901.....	\$86 95		
Interest on ditto.....	48 31		
	135 26		
Construction of Chiswick Road, 1901-1902.....	\$27 11		
Interest on ditto.....	15 06		
	42 17		
Construction of Claybourne Street, 1908-1909.....	\$119 18		
Interest on ditto.....	10 26		
	129 44		
Construction of Clement Avenue, 1908-1909.....	\$57 33		
Interest on ditto.....	19 20		
	76 53		
Construction of Columbia Road, 1907-1908.....	\$15,023 44		
Interest on ditto.....	3,022 95		
	18,046 39		
Construction of Congreve Street, 1902-1903.....	\$255 45		
Interest on ditto.....	141 66		
	397 11		
Construction of Conrad Street, 1902-1903.....	\$37 62		
Interest on ditto.....	20 88		
	58 50		
Construction of Corinth Street, 1903-1904.....	\$169 67		
Interest on ditto.....	94 26		
	263 93		
Construction of Corona Street, 1910-1911.....	\$248 64		
Interest on ditto.....	50 23		
	298 87		
Construction of Cottage Street, 1910-1911.....	\$33 06		
Interest on ditto.....	18 62		
	51 68		
Construction of Cottage Terrace, 1910-1911.....	\$1,603 34		
Interest on ditto.....	6 44		
	1,609 78		
<i>Carried forward</i>	\$43,108 19	\$2,754 30	\$331,923 21

<i>Brought forward</i>	\$43,108 19	\$2,754 30	\$331,923 21
Highways, Making of.—Cont.			
Construction of Cotton Street, 1910-1911.....	\$466 84		
Interest on ditto.....	93 71		
	560 55		
Construction of Cummington Street, 1906-1907....	\$285 71		
Interest on ditto.....	158 73		
	444 44		
Construction of Custer Street, 1902-1903.....	\$132 89		
Interest on ditto.....	60 65		
	193 54		
Construction of Dahlgren Street, 1908-1909.....	\$25 48		
Interest on ditto.....	8 15		
	33 63		
Construction of Dakota Street, 1904-1905..	\$46 42		
1910-1911..	926 53		
	\$972 95		
Interest on ditto.....	142 90		
	1,115 85		
Construction of Darling Street, 1904-1905.....	\$141 39		
Interest on ditto.....	78 57		
	219 96		
Construction of Davenport Street, 1905-1906.....	\$86 53		
Interest on ditto.....	13 38		
	99 91		
Construction of Davitt Street, 1909-1910.....	\$95 33		
Interest on ditto.....	45 81		
	141 14		
Construction of Dayton Street, 1910-1911.....	\$150 00		
Interest on ditto.....	5 02		
	155 02		
Construction of Devon Street, 1902-1903.....	\$255 54		
Interest on ditto.....	141 99		
	397 53		
Construction of Dilworth Street, 1905-1906.....	\$371 34		
Interest on ditto.....	21 43		
	392 77		
Construction of Dixfield Street, 1902-1903.....	\$43 60		
Interest on ditto.....	24 24		
	67 84		
Construction of Doris Street, 1911-1912.....	\$409 30		
Interest on ditto.....	2 82		
	412 12		
<i>Carried forward</i>	\$47,342 49	\$2,754 30	\$331,923 21

<i>Brought forward</i>	\$47,342 49	\$2,754 30	\$331,923 21
Highways, Making of.—Cont.			
Construction of Draper Street, 1903-1904.....	\$81 71		
Interest on ditto.....	40 51		
	122 22		
Construction of Dresden Street, 1901-1902.....	\$35 96		
Interest on ditto.....	14 89		
	50 85		
Construction of Dunford Street, 1901-1902.....	\$37 86		
Interest on ditto.....	21 04		
	58 90		
Construction of Dunreath Street, 1905-1906.....	\$18 60		
Interest on ditto.....	3 90		
	22 50		
Construction of Echo Street, 1902-1903.....	\$12 79		
Interest on ditto.....	7 11		
	19 90		
Construction of Edison Green, 1902-1903.....	\$209 59		
Interest on ditto.....	68 29		
	277 88		
Construction of Edwin Street, 1902-1903.....	\$212 93		
Interest on ditto.....	106 34		
	319 27		
Construction of Elizabeth Street, 1902-1903.....	\$12 26		
Interest on ditto.....	6 81		
	19 07		
Construction of Elmont Street, 1905-1906.....	\$175 85		
Interest on ditto.....	25 37		
	201 22		
Construction of Esmond Street, 1903-1904.....	\$56 00		
Interest on ditto.....	31 14		
	87 14		
Construction of Everdean Street, 1910-1911.....	\$327 92		
Interest on ditto.....	59 11		
	387 03		
Construction of Evergreen Street, 1911-1912.....	\$398 14		
Interest on ditto.....	10		
	398 24		
Construction of Fairfax Street, 1903-1904.....	\$30 78		
Interest on ditto.....	17 11		
	47 89		
Construction of Fairmount Street, 1900-1901.....	\$46 52		
Interest on ditto.....	25 85		
	72 37		
<i>Carried forward</i>	\$49,426 97	\$2,754 30	\$331,923 21

<i>Brought forward</i>	\$49,426 97	\$2,754 30	\$331,923 21
Highways, Making of.— <i>Cont.</i>			
Construction of Farquhar Street, 1911-1912.....	126 49		
Construction of Fayston Street, 1904-1905..... \$23 71			
Interest on ditto..... 6 36	30 07		
Construction of Fenwood Road, 1908-1909..... \$264 78			
Interest on ditto..... 61 83	326 61		
Construction of Fletcher Street, 1911-1912..... \$1,514 58			
Interest on ditto..... 5 69	1,520 27		
Construction of Florida Street, 1905-1906.. \$323 72			
1902-1903.. 31 96			
	\$355 68		
Interest on ditto..... 235 61	591 29		
Construction of Forest Hills Street, 1902-1903... \$179 24			
Interest on ditto..... 63 44	242 68		
Construction of Fottler Road, 1908-1909..... \$19 14			
Interest on ditto..... 8 34	27 48		
Construction of Fowler Street, 1902-1903.. \$234 40			
1901-1902.. 5 00			
	\$239 40		
Interest on ditto..... 111 41	350 81		
Construction of Francis Street, 1902-1903..... \$227 01			
Interest on ditto..... 87 00	314 01		
Construction of Frankfort Street, 1909-1910..... \$115 77			
Interest on ditto..... 41 24	157 01		
Construction of Geneva Avenue, 1903-1904..... \$62 57			
Interest on ditto..... 23 53	86 10		
Construction of Gibson Street, 1904-1905..... \$73 96			
Interest on ditto..... 41 08	115 04		
Construction of Greenbrier Street, 1902-1903..... \$124 95			
Interest on ditto..... 69 40	194 35		
<i>Carried forward</i>	\$53,509 18	\$2,754 30	\$331,923 21

<i>Brought forward</i>	\$53,509 18	\$2,754 30	\$331,923 21
Highways, Making of.—Cont.			
Construction of Hale Street, 1905–1906.....	\$278 06		
Interest on ditto.....	49 50		
	327 56		
Construction of Hancock Street, 1903–1904.....	\$227 51		
Interest on ditto.....	99 38		
	326 89		
Construction of Harlem Street, 1910–1911.....	\$137 38		
Interest on ditto.....	21 43		
	158 81		
Construction of Harold Street, 1900–1901.....	\$36 90		
Interest on ditto.....	20 51		
	57 41		
Construction of Haverford Street, 1905–1906.....	\$75 90		
Interest on ditto.....	17 27		
	93 17		
Construction of Hewins Street, 1900–1901.....	\$8 50		
Interest on ditto.....	4 72		
	13 22		
Construction of Hinckley Street, 1905–1906.....	\$8 06		
Interest on ditto.....	4 48		
	12 54		
Construction of Hobson Street, 1908–1909.....	\$1,153 73		
Interest on ditto.....	172 34		
	1,326 07		
Construction of Homes Avenue, 1903–1904.....	\$139 26		
Interest on ditto.....	77 39		
	216 65		
Construction of Howe Street, 1911–1912.....			
	91 75		
Construction of Hubbard Street, 1900–1901.....	\$87 40		
Interest on ditto.....	26 26		
	113 66		
Construction of Idaho Street, 1900–1901.....	\$43 10		
Interest on ditto.....	23 95		
	67 05		
Construction of Jersey Street, 1907–1908.....	\$2,833 41		
Interest on ditto.....	96 33		
	2,929 74		
Construction of Kempton Street, 1911–1912.....			
	29 52		
<i>Carried forward</i>	\$59,273 22	\$2,754 30	\$331,923 21

<i>Brought forward</i>	\$59,273 22	\$2,754 30	\$331,923 21
Highways, Making of.— <i>Cont.</i>			
Construction of Kerwin Street, 1908–1909	\$144 32		
Interest on ditto	52 04		
	196 36		
Construction of Kilton Street, 1910–1911	\$309 07		
Interest on ditto	45 18		
	354 25		
Construction of Larchmont Street, 1909–1910	\$560 51		
Interest on ditto	80 21		
	640 72		
Construction of Larkin Street, 1910–1911	\$308 56		
Interest on ditto	19 59		
	328 15		
Construction of Lauriat Avenue, 1903–1904	\$3,752 49		
Interest on ditto	1,676 01		
	5,428 50		
Construction of Leeds Street, 1902–1903	\$40 42		
Interest on ditto	22 46		
	62 88		
Construction of Leedsville Street, 1900–1901	\$16 43		
Interest on ditto	9 13		
	25 56		
Construction of Leonard Street, 1902–1903	\$193 36		
Interest on ditto	47 18		
	240 54		
Construction of Leroy Street, 1900–1901	\$23 78		
Interest on ditto	13 21		
	36 99		
Construction of Lindsey Street, 1905–1906	\$123 76		
Interest on ditto	26 77		
	150 53		
Construction of Longfellow Street, 1908–1909	\$416 67		
Interest on ditto	105 02		
	521 69		
Construction of Lonsdale Street, 1900–1901	\$65 85		
Interest on ditto	36 65		
	102 50		
Construction of Lorraine Street, 1908–1909	\$173 19		
Interest on ditto	33 86		
	207 05		
Construction of Mallet Street, 1909–1910	\$314 50		
Interest on ditto	79 47		
	393 97		
<i>Carried forward</i>	\$67,962 91	\$2,754 30	\$331,923 21

<i>Brought forward</i>	\$67,962 91	\$2,754 30	\$331,923 21
Highways, Making of.— <i>Cont.</i>			
Construction of Malvern Street, 1903-1904.....	\$259 23		
Interest on ditto.....	64 70		
	323 93		
Construction of Mapleton Street, 1909-1910.....	\$495 75		
Interest on ditto.....	80 51		
	576 26		
Construction of Marbury Terrace, 1911-1912.....	\$325 90		
Interest on ditto.....	27		
	326 17		
Construction of Marmion Street, 1908-1909.....	\$151 14		
Interest on ditto.....	42 57		
	193 71		
Construction of Maryland Street, 1900-1901.....	\$41 15		
Interest on ditto.....	24 73		
	65 88		
Construction of Maybrook Street, 1911-1912.....	\$430 16		
Interest on ditto.....	1 62		
	431 78		
Construction of Melbourne Street, 1911-1912.....		37 56	
Construction of Mellen Street, 1900-1901.....	\$12 19		
Interest on ditto.....	6 77		
	18 96		
Construction of Meredith Street, 1908-1909.....	\$140 69		
Interest on ditto.....	48 88		
	189 57		
Construction of Merlin Street, 1900-1901.....	\$14 15		
Interest on ditto.....	7 86		
	22 01		
Construction of Middleton Street, 1902-1903.....	\$38 30		
Interest on ditto.....	21 28		
	59 58		
Construction of Millet Street, 1905-1906..	\$225 35		
1911-1912..	111 04		
	\$336 39		
Interest on ditto.....	27 22		
	363 61		
Construction of Milwood Street, 1908-1909.....	\$270 81		
Interest on ditto.....	55 88		
	326 69		
Construction of Montague Street, 1901-1902.....	\$69 86		
Interest on ditto.....	38 80		
	108 66		
<i>Carried forward</i>	\$71,007 28	\$2,754 30	\$331,923 21

<i>Brought forward</i>		\$71,007 28	\$2,754 30	\$331,923 21
Highways, Making of.—Cont.				
Construction of Montfern Street, 1910-1911.....	\$375 14			
Interest on ditto.....	3 14	378 28		
Construction of Morrill Street, 1904-1905.....	\$37 41			
Interest on ditto.....	4 82	42 23		
Construction of Moseley Street, 1904-1905.....	\$155 56			
Interest on ditto.....	63 83	219 39		
Construction of Moultrie Street, 1905-1906.....	\$327 87			
Interest on ditto.....	96 34	424 21		
Construction of Mountain Avenue, 1911-1912.....	\$1,405 57			
Interest on ditto.....	1 62	1,407 19		
Construction of Newburg Street, 1901-1902.....	\$156 24			
Interest on ditto.....	90 35	246 59		
Construction of Newbury Street, 1895-1896.....	\$14 80			
Interest on ditto.....	1 80	16 60		
Construction of Newcastle Street, 1911-1912.....	\$610 96			
Interest on ditto.....	3 62	614 58		
Construction of Newland Street, 1904-1905.....	\$40 90			
Interest on ditto.....	14 15	55 05		
Construction of Nightingale Street, 1902-1903.....	\$324 13			
Interest on ditto.....	49 02	373 15		
Construction of Normandy Street, 1903-1904.....	\$62 31			
Interest on ditto.....	34 61	96 92		
Construction of North Harvard Street, 1902-1903....	\$620 64			
Interest on ditto.....	165 30	785 94		
Construction of Norton Street, 1909-1910.....	\$279 50			
Interest on ditto.....	33 02	312 52		
Construction of Norway Street, 1903-1904.....	\$13 75			
Interest on ditto.....	7 64	21 39		
<i>Carried forward</i>		\$76,001 32	\$2,754 30	\$331,923 21

<i>Brought forward</i>	\$76,001 32	\$2,754 30	\$331,923 21
Highways, Making of.— <i>Cont.</i>			
Construction of Nottingham Street, 1902-1903....	\$20 87		
Interest on ditto.....	11 60		
	32 47		
Construction of Oak Square Avenue, 1904-1905..	\$177 80		
Interest on ditto.....	64 79		
	242 59		
Construction of Oakley Street, 1899-1900.....	\$83 17		
Interest on ditto.....	46 68		
	129 85		
Construction of Oakridge Street, 1908-1909.....	\$137 50		
Interest on ditto.....	49 99		
	187 49		
Construction of Oakview Terrace, 1902-1903.....	\$277 64		
Interest on ditto.....	116 10		
	393 74		
Construction of Oakwood Street, 1904-1905.....	\$77 74		
Interest on ditto.....	43 16		
	120 90		
Construction of Orkney Road, 1903-1904.....	\$77 30		
Interest on ditto.....	42 95		
	120 25		
Construction of Oswald Street, 1906-1907.....	\$10 11		
Interest on ditto.....	2 43		
	12 54		
Construction of Parkview Street, 1910-1911.....	\$84 15		
Interest on ditto.....	43 55		
	127 70		
Construction of Penhallow Street, 1911-1912.....		487 89	
Construction of Perkins Street, 1903-1904.....	\$52 87		
Interest on ditto.....	29 40		
	82 27		
Construction of Pomfret Street, 1908-1909.....	\$176 82		
Interest on ditto.....	61 40		
	238 22		
Construction of Primrose Street, 1908-1909.....	\$195 77		
Interest on ditto.....	63 58		
	259 35		
Construction of Public Alleys Nos. 13, 14, 15, 1905-1906,	\$71 17		
Interest on ditto.....	16 31		
	87 48		
<i>Carried forward</i>	\$78,524 06	\$2,754 30	\$331,923 21

<i>Brought forward</i>	\$78,524 06	\$2,754 30	\$331,923 21
Highways, Making of.— <i>Cont.</i>			
Construction of Public Alley No.			
101, 1900-1901.....	\$6 57		
Interest on ditto.....	3 65		
	10 22		
Construction of Public Alley No.			
102, 1902-1903.....	\$21 52		
Interest on ditto.....	11 96		
	33 48		
Construction of Public Alley No.			
303, 1905-1906.....	\$3 30		
Interest on ditto.....	66		
	3 96		
Construction of Public Alley No.			
401, 1902-1903.....	\$49 86		
Interest on ditto.....	27 69		
	77 55		
Construction of Public Alley No.			
402, 1902-1903.....	\$57 12		
Interest on ditto.....	31 73		
	88 85		
Construction of Public Alley No.			
403, 1900-1901.....	\$36 02		
Interest on ditto.....	20 04		
	56 06		
Construction of Public Alley No.			
404, 1900-1901.....	\$31 20		
Interest on ditto.....	17 33		
	48 53		
Construction of Public Alley No.			
414, 1902-1903.....	\$11 82		
Interest on ditto.....	6 56		
	18 38		
Construction of Public Alley No.			
415, 1903-1904.....	\$2 05		
Interest on ditto.....	1 14		
	3 19		
Construction of Public Alley No.			
416, 1902-1903.....	\$23 04		
Interest on ditto.....	12 79		
	35 83		
Construction of Public Alley No.			
417, 1902-1903.....	\$5 81		
Interest on ditto.....	3 23		
	9 04		
Construction of Public Alley No.			
419, 1900-1901.....	\$12 83		
Interest on ditto.....	4 55		
	17 38		
Construction of Public Alley No.			
420, 1900-1901.....	\$0 20		
Interest on ditto.....	11		
	31		
Construction of Public Alley No.			
422, 1904-1905.....	\$1 54		
Interest on ditto.....	86		
	2 40		
<i>Carried forward</i>	\$78,929 24	\$2,754 30	\$331,923 21

<i>Brought forward</i>	\$78,929 24	\$2,754 30	\$331,923 21
Highways, Making of.—<i>Cont.</i>			
Construction of Public Alley No. 424, 1903-1904.....	\$2 28		
Interest on ditto.....	1 27		
	3 55		
Construction of Public Alley No. 426, 1903-1904.....	\$6 29		
Interest on ditto.....	3 49		
	9 78		
Construction of Public Alley No. 427, 1903-1904.....	\$5 43		
Interest on ditto.....	3 01		
	8 44		
Construction of Public Alley No. 428, 1903-1904.....	\$4 81		
Interest on ditto.....	2 67		
	7 48		
Construction of Public Alley No. 429, 1903-1904.....	\$4 90		
Interest on ditto.....	2 73		
	7 63		
Construction of Public Alley No. 430, 1902-1903.....	\$8 44		
Interest on ditto.....	4 68		
	13 12		
Construction of Public Alley No. 431, 1900-1901.....	\$4 76		
Interest on ditto.....	2 65		
	7 41		
Construction of Public Alley No. 432, 1902-1903.....	\$7 83		
Interest on ditto.....	4 35		
	12 18		
Construction of Public Alley No. 433, 1902-1903.....	\$2 23		
Interest on ditto.....	1 24		
	3 47		
Construction of Public Alley No. 434, 1902-1903.....	\$37 33		
Interest on ditto.....	20 73		
	58 06		
Construction of Public Alley No. 435, 1902-1903.....	\$5 78		
Interest on ditto.....	1 45		
	7 23		
Construction of Public Alley No. 436, 1902-1903.....	\$4 86		
Interest on ditto.....	2 71		
	7 57		
Construction of Public Alley No. 437, 1900-1901.....	\$17 92		
Interest on ditto.....	9 95		
	27 87		
Construction of Public Alley No. 438, 1903-1904.....	\$8 85		
Interest on ditto.....	4 92		
	13 77		
<i>Carried forward</i>	\$79,116 80	\$2,754 30	\$331,923 21

<i>Brought forward</i>	\$79,116 80	\$2,754 30	\$331,923 21
Highways, Making of.— <i>Cont.</i>			
Construction of Public Alley No. 439, 1902-1903.....	\$6 34		
Interest on ditto.....	3 52		
	9 86		
Construction of Public Alley No. 440, 1902-1903.....	\$14 00		
Interest on ditto.....	7 78		
	21 78		
Construction of Public Alley No. 441, 1904-1905.....	\$38 31		
Interest on ditto.....	21 27		
	59 58		
Construction of Public Alley No. 442, 1902-1903.....	\$34 57		
Interest on ditto.....	13 95		
	48 52		
Construction of Public Alley No. 443, 1903-1904.....	\$10 22		
Interest on ditto.....	5 67		
	15 89		
Construction of Public Alley No. 502, 1905-1906.....	\$43 53		
Interest on ditto.....	12 98		
	56 51		
Construction of Public Alley No. 503, 1905-1906.....	\$5 51		
Interest on ditto.....	3 06		
	8 57		
Construction of Public Alley No. 701, 1900-1901.....	\$66 13		
Interest on ditto.....	36 72		
	102 85		
Construction of Public Alley No. 703, 1901-1902.....	\$4 80		
Interest on ditto.....	2 66		
	7 46		
Construction of Public Alley No. 706, 1903-1904.....	\$13 11		
Interest on ditto.....	7 28		
	20 39		
Construction of Public Alley No. 804, 1905-1906.....	\$121 14		
Interest on ditto.....	19 45		
	140 59		
Construction of Public Alley No. 901, 1904-1905.....	\$106 15		
Interest on ditto.....	63 58		
	169 73		
Construction of Public Alley No. 905, 1902-1903.....	\$1 46		
Interest on ditto.....	81		
	2 27		
Construction of Queensberry Street, 1907-1908.....	\$19,652 77		
Interest on ditto.....	1,036 54		
	20,689 31		
<i>Carried forward</i>	\$100,470 11	\$2,754 30	\$331,923 21

<i>Brought forward</i>	\$100,470 11	\$2,754 30	\$331,923 21
Highways, Making of.— <i>Cont.</i>			
Construction of Radcliffe Road, 1911-1912.....	\$802 58		
Interest on ditto.....	3 05		
	805 63		
Construction of Robinwood Ave- nue, 1904-1905.....	\$98 83		
Interest on ditto.....	54 87		
	153 70		
Construction of Rockford Street, 1902-1903.....	\$19 95		
Interest on ditto.....	11 08		
	31 03		
Construction of Rockledge Street, 1909-1910.....	\$50 31		
Interest on ditto.....	18 11		
	68 42		
Construction of Roland Street, 1904-1905.....	\$45 18		
Interest on ditto.....	25 11		
	70 29		
Construction of Roseclair Street, 1905-1906.....	\$76 02		
Interest on ditto.....	15 61		
	91 63		
Construction of Roseland Street, 1908-1909.....	\$71 60		
Interest on ditto.....	23 51		
	95 11		
Construction of Rosemary Street, 1908-1909.....	\$113 88		
Interest on ditto.....	21 86		
	135 74		
Construction of Rosemont Street, 1905-1906.....	\$91 41		
Interest on ditto.....	50 79		
	142 20		
Construction of Rowe Street, 1908-1909.....	\$69 18		
Interest on ditto.....	11 95		
	81 13		
Construction of Rozella Street, 1902-1903.....	\$125 24		
Interest on ditto.....	29 15		
	154 39		
Construction of Ruggles Street, 1902-1903.....	\$98 14		
Interest on ditto.....	54 52		
	152 66		
Construction of Samoset Street, 1909-1910.....	\$278 47		
Interest on ditto.....	52 20		
	330 67		
Construction of Seaborn Street, 1901-1902.....	\$98 01		
Interest on ditto.....	68 07		
	166 08		
<i>Carried forward</i>	\$102,948 79	\$2,754 30	\$331,923 21

<i>Brought forward</i>	\$102,948 79	\$2,754 30	\$331,923 21
Highways, Making of.—<i>Cont.</i>			
Construction of Seymour Street, 1906-1907.....	\$89 31		
Interest on ditto.....	23 89		
	113 20		
Construction of Shafter Street, 1902-1903.....	\$53 77		
Interest on ditto.....	29 89		
	83 66		
Construction of Shepton Street, 1902-1903.....	\$1,460 65		
Interest on ditto.....	1,000 00		
	2,460 65		
Construction of Shirley Street, 1902-1903.....	\$33 63		
Interest on ditto.....	18 69		
	52 32		
Construction of Snow Street, 1904-1905.....	\$117 55		
Interest on ditto.....	39 89		
	157 44		
Construction of South Street, 1904-1905.....	\$242 46		
Interest on ditto.....	49 02		
	291 48		
Construction of South Huntington Avenue, 1905-1906, \$1,112 37 1910-1911, 4 03	\$1,116 40		
Interest on ditto.....	105 24		
	1,221 64		
Construction of Spaulding Street, 1906-1907.....	\$43 88		
Interest on ditto.....	11 92		
	55 80		
Construction of Speedwell Street, 1909-1910.....	\$943 09		
Interest on ditto.....	130 84		
	1,073 93		
Construction of Spencer Street, 1902-1903, \$108 49 1901-1902, 15 86	\$124 35		
Interest on ditto.....	53 83		
	178 18		
Construction of St. Alphonsus Street, 1895-1899....	\$19 47		
Interest on ditto.....	10 82		
	30 29		
Construction of St. Margaret Street, 1905-1906....	\$139 73		
Interest on ditto.....	35 41		
	175 14		
Construction of St. Stephen Street, 1903-1904....	\$26 03		
Interest on ditto.....	14 46		
	40 49		
<i>Carried forward</i>	\$108,883 01	\$2,754 30	\$331,923 21

<i>Brought forward</i>	\$108,883 01	\$2,754 30	\$331,923 21
Highways, Making of.—Cont.			
Construction of Stanley Street, 1902-1903.....	\$63 31		
Interest on ditto.....	35 16		
	98 47		
Construction of Stonehurst Street, 1910-1911.....	\$671 14		
Interest on ditto.....	5 07		
	676 21		
Construction of Storer Street, 1902-1903.....	\$10 37		
Interest on ditto.....	5 76		
	16 13		
Construction of Stratford Street, 1902-1903.....	\$71 14		
Interest on ditto.....	39 71		
	110 85		
Construction of Sudan Street, 1911-1912.....		360 19	
Construction of Swallow Street, 1905-1906.....	\$94 00		
Interest on ditto.....	94		
	94 94		
Construction of Templeton Street, 1902-1903....	\$90 24		
Interest on ditto.....	50 14		
	140 38		
Construction of Thane Street, 1902-1903.....	\$50 40		
Interest on ditto.....	17 16		
	67 56		
Construction of Tonawanda Street, 1899-1900....	\$107 12		
Interest on ditto.....	55 83		
	162 95		
Construction of Torrey Street, 1904-1905.....	\$98 94		
Interest on ditto.....	54 98		
	153 92		
Construction of Tower Street, 1905-1906.....	\$232 84		
Interest on ditto.....	94 58		
	327 42		
Construction of Tremont Street, 1903-1904.....	\$213 82		
Interest on ditto.....	120 04		
	333 86		
Construction of Turner Street, 1903-1904.....	\$50 88		
Interest on ditto.....	28 27		
	79 15		
Construction of Upham Avenue, 1910-1911.....	\$913 33		
Interest on ditto.....	19 06		
	932 39		
<i>Carried forward</i>	\$112,437 43	\$2,754 30	\$331,923 21

<i>Brought forward</i>	\$112,437 43	\$2,754 30	\$331,923 21
Highways, Making of.— <i>Cont.</i>			
Construction of Van Winkle Street, 1902-1903.....	\$244 02		
Interest on ditto.....	98 39		
	342 41		
Construction of Vicksburg Street, 1905-1906.....	\$48 04		
Interest on ditto.....	10 23		
	58 27		
Construction of Vinson Street, 1904-1905.....	\$165 61		
Interest on ditto.....	61 66		
	227 27		
Construction of Wainwright Street, 1902-1903.....	\$113 92		
Interest on ditto.....	50 15		
	164 07		
Construction of Waldeck Street, 1902-1903.....	\$325 35		
Interest on ditto.....	180 74		
	506 09		
Construction of Walter Street, 1906-1907.....	\$367 08		
Interest on ditto.....	193 64		
	560 72		
Construction of Walworth Street, 1911-1912.....		118 28	
Construction of Warner Street, 1902-1903.....	\$103 17		
Interest on ditto.....	57 30		
	160 47		
Construction of Wayland Street, 1905-1906.....	\$139 87		
Interest on ditto.....	45 72		
	185 59		
Construction of Wellesley Park, 1911-1912.....	\$1,707 53		
Interest on ditto.....	5 28		
	1,712 81		
Construction of Wensley Street, 1902-1903.....	\$76 42		
Interest on ditto.....	42 45		
	118 87		
Construction of Westbourne Street, 1903-1904.....	\$85 83		
Interest on ditto.....	48 18		
	134 01		
Construction of West Selden Street, 1904-1905.....	\$1,150 81		
Interest on ditto.....	358 19		
	1,509 00		
Construction of West Tremlett Street, 1904-1905....	\$171 87		
Interest on ditto.....	52 46		
	224 33		
<i>Carried forward</i>	\$118,459 62	\$2,754 30	\$331,923 21

<i>Brought forward</i>	\$118,459 62	\$2,754 30	\$331,923 21
Highways, Making of.—Cont.			
Construction of Willowood Street, 1908-1909.....	\$883 14		
Interest on ditto.....	173 10		
	1,056 24		
Construction of Windermere Road, 1904-1905.....	\$22 71		
Interest on ditto.....	12 61		
	35 32		
Construction of Winthrop Street, 1905-1906.....	\$17 50		
Interest on ditto.....	9 72		
	27 22		
Construction of Woodcliff Street, 1902-1903.....	\$85 39		
Interest on ditto.....	47 45		
	132 84		
Construction of Woodlawn Street, 1900-1901.....	\$124 96		
Interest on ditto.....	69 42		
	194 38		
Construction of Wordsworth Street, 1903-1904.....	\$161 16		
Interest on ditto.....	66 11		
	227 27		
		120,132 89	
Removal of Old Winthrop School Building.....		900 00	
			123,787 19
Blue Hill and other Avenues.			
Huntington Avenue:			
Betterments, 1903-1904.....	\$3,524 15		
Interest on ditto.....	1,401 02		
		\$4,925 17	
Columbus Avenue:			
Betterments, 1902-1903.....	\$3,495 39		
Interest on ditto.....	1,598 75		
		5,094 14	
			10,019 31
Hospital Department.			
Paying patients.....	\$76,132 76		
Sale of old material....	116 35		
Interest on Trust Funds,	1,964 00		
Birth registration.....	7 00		
Gifts.....	14 00		
Award in Charity Con- test.....	15 00		
	\$78,249 11		
Contagious Diseases:			
1911-1912.....	\$25,828 03		
1910-1911.....	8,689 36		
1909-1910.....	266 43		
	34,783 82		
Commission on telephone, 1911- 1912.....	20 88		
Interest on bank deposits.....	49 04		
		\$113,102 85	
<i>Carried forward</i>		\$113,102 85	\$465,729 71

<i>Brought forward</i>		\$113,102 85	\$465,729 71
Hospital Department.— Cont.			
Hospital Estate, Massachusetts Avenue and Northampton Street:			
Rents.....		3,057 13	116,159 98
Institutions.			
Children's Institutions Dept.:			
Parental School:			
Board of children,			
1911-1912..... \$12 00			
Board of children,			
1910-1911..... 6 00			
	\$18 00		
Laundry work,			
1911-1912..... \$1,858 94			
Laundry work,			
1910-1911..... 174 51			
	1,973 45		
		\$1,991 45	
Placing Out and Office Expenses:			
Board of children, 1911-1912....	\$903 50		
Board of children, 1908-1909....	74 28		
		977 78	
Suffolk School for Boys:			
Sale of shoes, 1911-			
1912..... \$2,240 30			
Sale of clothing,			
1911-1912..... 213 70			
	\$2,454 00		
Printing, 1911-1912.. \$472 75			
Printing, 1910-1911.. 40 25			
	513 00		
Teaming.....	28 03		
		2,995 03	
Sawyer Marcella Street Home			
Fund Income.....		94 00	
			6,058 26
Infirmary Department:			
Boston Almshouse and Hospital:			
Board of patients:			
1911-1912..... \$4,653 98			
1910-1911..... 768 55			
1909-1910..... 53 20			
	\$5,475 73		
Birth registration.....	10 00		
Sale of junk, 1910-1911.....	47 84		
		\$5,533 57	
Almshouse, Charlestown:			
Board of patients:			
1910-1911..... \$187 72			
1911-1912..... 33 14			
Sale of barrels, etc., 1911-1912,	5 68		
		226 54	
Steamer "John Howard":			
Sale of steamer.....		250 00	
			6,010 11
<i>Carried forward</i>			\$593,958 06

<i>Brought forward</i>			\$593,958 06
Institutions.—Cont.			
Infirmary Department:			
Steamer "Monitor":			
Sale of drinking cups.....		\$31 36	
Sale of junk.....		7 90	
Sale of rope.....		9 00	
			48 26
Interest.			
On taxes.....	\$152,817 48		
On Street Department:			
Paving Division.....	380 72		
Sewer Division.....	336 35		
Miscellaneous assessments.....	3,984 91	\$157,519 46	
Hyde Park:			
Interest on taxes.....	\$439 02		
Interest on sewers.....	4 09		
		443 11	
			157,962 57
Law Department.			
Sale of Consolidated Statutes.....			6 00
Library Department.			
Fines, 1911–1912.....		\$5,133 23	
Sales of catalogues, etc., 1911–1912.....		60 71	
Gift of Books by A. Carnegie.....		80 75	
Commission on telephone rates, 1911–1912.....		190 23	
Sale of paper.....		148 63	
Money found.....		2 32	
Lost books.....		393 32	
Interest on deposits.....		2,263 77	
			8,272 96
Library Department Trust Fund Income.			
Income on Trust Funds.....			16,520 41
Liquor Licenses.			
Licenses, 1911–1912.....			1,285,354 48
Licensing Board.			
Licenses:			
Billiard Tables.....	\$604 00		
Bowling Alleys.....	1,030 00		
Intelligence Offices.....	3,925 00		
Pool Tables.....	2,306 00		
Sippio Tables.....	4 00		
Common Victuallers.....	7,420 00		
Selling Fruit, etc., on Lord's day, Innholders.....	5,010 00 100 00		
		\$20,399 00	
Recording fees.....		1,430 00	
Interest.....		39 99	
			21,868 99
<i>Carried forward</i>			\$2,083,991 73

<i>Brought forward</i>			\$2,083,991 73
Market Department.			
Weighing fees.....		\$192 87	
Rents:			
Markets, 1911-1912:			
Stalls.....	\$61,380 00		
Cellars.....	34,740 00		
Outside stands.....	1,356 00		
New Faneuil Hall:			
Stalls.....	17,104 00		
Cellars.....	9,328 00		
		123,908 00	
			124,100 87
Mayor.			
Amusement licenses.....		\$18,371 00	
Public Celebrations:			
Foss Flag Fund.....	\$80 00		
Foss 17th of June Fund.....	80 00		
Babcock Music Fund.....	125 62		
Sale of lumber.....	142 00		
		427 62	
			18,798 62
Music Department.			
Use of bandstand.....		\$5 00	
Use of old bandstand.....		15 00	
			20 00
Overseeing of the Poor.			
From Overseers of the Poor, support of poor of other cities and towns.....		\$6,257 91	
From Commonwealth of Massachusetts, burials and support of poor.....		9,237 96	
From occupants of Charity Building.....		1,191 62	
Aid refunded.....		268 70	
Sale of barrels, etc.....		109 30	
Interest on bank deposits.....		123 65	
Temporary Home.....		696 10	
			17,885 24
Town of Hyde Park.....			4 00
Park Department.			
Sale of sheep.....	\$401 54		
Sale of wood.....	4 00		
Sale of grass.....	10 00		
Sale of shrubs.....	27 00		
Sale of wool.....	196 16		
Sale of junk.....	144 47		
Towels and soap.....	879 06		
		\$1,662 23	
Labor and sale of materials, 1911-1912.....	\$12,327 94		
Repair to auto.....	42 00		
		12,369 94	
		\$14,032 17	
Rents:			
1911-1912.....		3,829 23	
<i>Carried forward</i>		\$17,861 40	\$2,244,800 46

<i>Brought forward</i>		\$17,861 40	\$2,244,800 46
Park Department.—Cont.			
Gypsy and Brown-tail Moth Sup- pression:			
Assessments, 1906.....		19 92	
			17,881 32
Playground Improvement.			
One-half cost building concrete fence.....			550 00
Peddlers.			
Licenses.....			2,225 00
Phillips Street Trust Fund.			
Income on Trust Funds.....			700 00
Police Charitable Fund Income.			
Income on Trust Funds.....			7,714 35
Police Department.			
Licenses:			
Auctioneers.....	\$368 25		
Hackney Carriages.....	1,629 00		
Drivers Hackney Carriages.....	761 50		
Itinerant Musicians.....	123 30		
Junk Collectors.....	1,396 00		
Junk-shop Keepers.....	900 00		
Pawnbrokers.....	3,700 00		
Private Detectives.....	200 00		
Second-hand Articles.....	2,060 00		
Street Railway Employees.....	705 50		
Small Loans.....	350 00		
Wagons.....	5,202 00		
Hand Carts.....	84 00		
		\$17,479 55	
Services of Officers:			
1911-1912.....	\$5,522 40		
1910-1911.....	460 20		
		5,982 60	
Commission on telephones.....	\$18 61		
Food for prisoners.....	75		
Carting of prisoners.....	309 75		
Sale of lost property.....	373 13		
Sale of condemned property.....	315 58		
Sale of maps.....	148 00		
Sale of badges to itinerant musicians,	147 00		
Sale of old listing cards.....	8 40		
Sale of cloth.....	5 09		
		1,326 31	
			24,788 46
Printing Department.			
Printing:			
1911-1912.....	\$174,744 45		
1910-1911.....	7,767 67		
1909-1910.....	47 57		
1908-1909.....	36 29		
		\$182,595 98	
<i>Carried forward</i>		\$182,595 98	\$2,298,659 59

<i>Brought forward</i>		\$182,595 98	\$2,298,659 59
Printing Department.—Cont.			
Sale of Stamps:			
1911–1912.....	\$19,811 07		
1910–1911.....	1,101 56		
1909–1910.....	12 00		
		20,924 63	
Sale of waste paper:			
1911–1912.....	\$46 00		
1910–1911.....	69 98		
		115 98	
Sale of type dross.....		85 95	
			203,722 54
Public Buildings.			
Rents:			
Wardrooms, 1911–1912, \$563 00			
Old Court House stand, 1911–1912.....	60 00		
Faneuil Hall, 1911– 1912.....	900 00		
Old State House, 1911–1912.....	100 00		
Rotunda, Quincy Hall, 1911–1912.....	5,000 00		
Produce Exchange, 1911–1912.....	1,962 00		
Rooms, Quincy Hall, 1911–1912.....	508 00		
Repair Shop:			
1911–1912, \$715 00			
1910–1911, 65 00			
	780 00		
Thomas Street School- house, 1911–1912...	1 00		
Franklin Schoolhouse, 1911–1912.....	100 00		
Smith Street School- house, 1911–1912...	1 00		
Rooms, Tremont Build- ing:			
1911–1912, \$1,174 24			
1910–1911, 90 08			
	1,264 32		
Town Hall, Brighton, 1911–1912.....	1 00		
	\$11,240 32		
Sale of desks.....	\$30 00		
Sale of old safe.....	25 00		
Income on Old State House Repair Fund.....	120 00		
Sale of old furniture, 1911– 1912.....	217 00		
Sale of waste paper.....	47 86		
<i>Carried forward</i>	\$439 86	\$11,240 32	\$2,502,382 13

<i>Brought forward</i>	\$439 86	\$11,240 32	.....	\$2,502,382 13
Public Buildings.—Cont.				
Commission on telephone tolls.....	91 27			
Sale of old waste.....	1 00			
		532 13		
			\$11,772 45	
Armories:				
Rents from Commonwealth.....			7,078 00	
				18,850 45
Public Grounds Department.				
Damage.....		\$6 00		
Sale of horses.....		198 07		
Sale of rubber hose.....		22 81		
Destruction of gypsy and brown- tail moths.....		351 11		
Material.....		20 00		
Income Boston Common Tree Fund.....		200 00		
Sale of spraying machine.....		250 00		
			\$1,047 99	
Gypsy and brown-tail moth sup- pression:				
1911.....		\$6,784 52		
1910.....		1,255 48		
1909.....		1,310 51		
1908.....		157 16		
1907.....		54 64		
			9,562 31	
				10,610 30
Public Works Department.				
Bridge Service:				
Repairs of Albany Street Bridge, 1911-1912.....		\$5,634 09		
Old material, 1911-1912.....		45 00		
			\$5,679 09	
Paving Service:				
Assessments:				
1911-1912, \$3,950 48				
1910-1911, 6,402 12				
1909-1910, 728 40				
1907-1908, 34 30				
1906-1907, 939 18				
1905-1906, 779 44				
		\$12,833 92		
Proportional cost of fodder, rents, etc., 1911-1912.....		1,322 76		
Permits:				
1911-12, \$29,867 95				
1910-11, 283 70				
		30,151 65		
Labor and material... 6,785 05				
Removing snow, 1911- 1912.....		500 00		
<i>Carried forward</i>	\$51,593 38	.....	\$5,679 09	\$2,531,842 88

Brought forward.....	\$51,593 38		\$5,679 09	\$2,531,842 88
Public Works.—Cont.				
Paying Service:				
Services of Inspector,				
1911-1912.....	3,275 00			
Repairs of bridge,				
Milton.....	366 66			
Sale of Crushed Stone:				
1911-1912,\$2,757 07				
1910-1911, 1,668 11				
	4,425 18			
Sale of horses, 1911-				
1912.....	328 23			
Sale of old material,				
1911-1912.....	86 00			
Use of steam roller,				
1911-1912.....	9 25			
Use of crusher, 1911-				
1912.....	375 00			
		\$60,458 70		
Hyde Park:				
Edgestone Assessments, 1911-				
1912.....	36 25			
			60,494 95	
Central Office:				
Commission on telephone rates,		\$7 12		
Refund of traveling expenses....		100 00		
			107 12	
Ferry Service:				
Tolls, etc., 1911-1912.....		\$102,624 04		
Sale of old material, 1911-1912..		40 37		
Tickets:				
1911-1912.....	\$8 50			
1910-1911.....	32 50			
		41 00		
Free ferry, July 4.....		1 00		
Commission on telephones, 1911-				
1912.....		63 79		
Resetting glass.....		1 30		
Electrician.....		3 60		
Rents:				
Rooms, North and South				
Ferry:				
1911-1912.....	\$497 34			
1910-1911.....	16 66			
		514 00		
Automatic machine privileges,				
1911-1912.....		800 00		
			104,089 10	
Sanitary Service:				
Removing Ashes:				
1911-12,\$14,061 62				
1910-11, 1,529 50				
	\$15,591 12			
Sale of Manure:				
1911-12, \$555 96				
1910-11, 28 34				
	584 30			
Carried forward.....	\$16,175 42		\$170,370 26	\$2,531,842 88

<i>Brought forward</i>	\$16,175 42	.....	\$170,370 26	\$2,531,842 88
Public Works.—Cont.				
Sanitary Service:				
Sale of horses.....	538 65			
Sale of Old Material, 1911-1912.....	231 70			
Collection of Commercial Waste:				
Tickets,				
1911-12, \$35,072 24				
Work done and material furnished:				
1911-1912, 2,514 14				
1910-11, 1,719 25				
	39,305 63			
Dumping Scow Privileges:				
1911-1912.....	8,452 25			
		\$64,703 65		
Hyde Park:				
Swill, 1911-1912.....		83 79		
Fort Hill Wharf:				
Rent:				
1911-1912.....	\$989 00			
1910-1911.....	26 00			
		1,015 00		
Hecht's Wharf:				
Rent:				
1911-1912.....	\$120 00			
1910-1911.....	15 00			
		135 00		
			65,937 44	
Street Cleaning and Watering Division:				
Street Cleaning Service:				
Sale of horses, 1911-1912.....		\$451 25		
Rent, 1911-1912.....		300 00		
			751 25	
Sewer Service:				
Assessments:				
1911-1912, \$171 66				
1910-1911, 100 00				
1909-1910, 29 40				
1908-1909, 265 29				
	\$566 35			
Conveying sewerage, 1911-1912.....	7,700 00			
Entrance fees, 1911-1912.....	\$6,031 11			
1910-1911, 411 40				
	6,442 51			
<i>Carried forward</i>	\$14,708 86	.....	\$237,058 95	\$2,531,842 88

<i>Brought forward</i>	\$14,708 86		\$237,058 95	\$2,531,842 88
Public Works.—Cont.				
Sewer Service:				
Labor and Material:				
1911-1912, \$690 57				
1910-1911, 506 45				
	1,197 02			
Sale of Material:				
1911-1912, \$814 65				
1910-1911, 10 94				
	815 59			
Inspectors' services,				
1911-1912.....	2,146 90			
Sale of old material,				
1911-1912.....	360 50			
Sale of horses, 1911-				
1912.....	243 67			
Sale of junk, 1911-				
1912..... \$70 00				
1910-1911, 250 00				
	320 00			
Sale of buggies and				
cart.....	158 00			
Proportional share of				
cost.....	174 60			
Damage, 1911-1912..	5 74			
Board of horse, 1911-				
1912.....	89 00			
Hyde Park:				
Sewer Assessment,				
1911-1912.....	98 00			
		\$20,317 88		
Sewers, C o m m o n -				
w e a l t h Avenue,				
1911-1912, \$31 00				
Interest on				
ditto..... 27 50				
	\$58 50			
Sewers between Ros-				
lindale and West				
Roxbury:				
1911-1912, \$75 78				
1908-1909, 33 25				
1907-1908, 25 80				
	134 83			
Interest on ditto.....	111 35			
		304 68		
Rent, 1910-1911.....		10 00		
			20,632 56	
Sewerage Works:				
1911-1912.....	\$19,349 29			
1910-1911.....	5,034 26			
1909-1910.....	13,628 60			
1908-1909.....	4,624 20			
1907-1908.....	6,709 71			
1906-1907.....	2,843 39			
<i>Carried forward</i>	\$52,189 45		\$257,691 51	\$2,531,842 88

<i>Brought forward</i>	\$52,189 45		\$257,691 51	\$2,531,842 88
Public Works.—Cont.				
Sewerage Works:				
1905-1906.....	4,327 99			
1904-1905.....	5,610 26			
1903-1904.....	2,890 44			
1902-1903.....	2,338 28			
1901-1902.....	3,681 25			
1900-1901.....	4,160 04			
1899-1900.....	786 52			
		\$75,984 23		
Interest on ditto.....		20,158 66		
			96,142 89	
Separate systems of drainage:				
Liability on bond, 1911-1912..		\$38 00		
Assessments, 1911-1912.....		14,031 70		
Interest on ditto.....		61 97		
			14,131 67	
Lighting Service:				
Rents, shop, 1911-1912.....			1,200 00	
Abolishment of Grade Crossings:				
Freeport, Walnut and other Streets:				
From Commonwealth of Massachusetts.....	\$2,382 31			
From N. Y., N. H. & H. Railroad Corporation....	4,424 30			
		\$6,806 61		
East Boston:				
From Commonwealth of Massachusetts.....	\$423 90			
From B. & A. Railroad Corporation,	408 90			
		842 80		
			7,649 41	
Randidge Trust Fund Income.				
Income on Trust Funds.....				376,815 48
				2,000 00
Rapid Transit, Interest and Sinking Fund.				
Rent of Subway, 1911-1912.....		\$199,920 01		
Rent of Subway, alterations, 1911-1912.....		11,830 36		
			\$211,750 37	
East Boston Tunnel:				
Tolls, 1911-1912.....		\$123,104 50		
Rents, 1911-1912.....		58,013 02		
			181,117 52	
<i>Carried forward</i>			\$392,867 89	\$2,910,658 36

<i>Brought forward</i>		\$392,867 89	\$2,910,658 36
Rapid Transit, Boston Tunnel and Subway.			
Balance of payment of estate, corner Summer and Washington streets.....	\$261,000 00		
Refund on insurance..	232 34		
	\$261,232 34		
Rents, 1911-1912.....	42,420 25		
Refund on insurance.....	15 16		
In lieu of taxes on ditto.....	7,937 60		
Rent, Boston Tunnel and Subway, 1911-1912.....	333,000 00		
		644,605 35	
Rapid Transit, Dorchester and South Boston.			
Amount expended, chapter 97, Resolves 1910, on account of Dorchester Tunnel.....		1,665 43	
Rapid Transit, Park Street and South Station.			
Amount expended, chapter 94, Resolves 1910, on account of Dorchester Tunnel.....		532 47	
Rapid Transit, Cambridge Connection.			
Reimbursement from state for amount paid for supplies.....	\$23 09		
Telephone rates.....	29 43		
Trolley wire.....	40 53		
Material.....	519 35		
Cement bags.....	19 27		
		631 67	
			1,040,302 81
Registry Department.			
Fees for copies of records of births, deaths and marriages.....		\$895 25	
Fees for marriage licenses.....		9,183 00	
			10,078 25
Reserve Fund.			
Incidentals, costs from Law Department, 1911-1912.....			774 85
Sale of City Property.			
Land, Massachusetts Avenue and Norfolk street.....		\$2,000 00	
Land, Sumner Street, Everett.....		1,000 00	
Charlestown Almshouse Estate.....		72,000 00	
			75,000 00
Schools and Schoolhouses.			
School Committee Supplies and Incidentals:			
Rent of school halls, 1911-1912....	\$839 64		
<i>Carried forward</i>	\$839 64		\$4,036,814 27

<i>Brought forward</i>	\$839 64		\$4,036,814 27
Schools and Schoolhouses.—Cont.			
Sale of books and supplies, 1911–1912.....	741 92		
Traveling, deaf mutes, 1911–1912..	2,331 09		
Badges to minors, 1911–1912.....	461 00		
Use of baths, 1911–1912.....	1,019 62		
Sale of material, Girls' Trade School.....	9,687 42		
Refunds traveling expenses.....	5 35	\$15,086 04	
School Instructors:			
Tuition, non-residents:			
1911–1912.....	\$8,705 74		
1910–1911.....	561 07		
1909–1910.....	195 16		
Tuition, deaf mutes, 1911–1912...	\$9,461 97		
Dog licenses, 1911–1912.....	21,322 50		
Unlicensed dog.....	26,596 00		
Income from Stoughton School Fund.....	5 00		
Income from Smith School Fund..	212 00		
Refund of overpayment of salaries,	324 00		
Evening Industrial School, from	663 02		
Commonwealth of Massachusetts,	17,833 97	76,418 46	
Town of Hyde Park:			
Dog licenses.....		616 38	
Gibson School Fund Income:			
Income from Trust Funds.....	\$2,624 13		
Rents:			
1911–1912.....	1,225 00	3,849 13	
Gibson School Fund:			
Sale of land, Gibson Street,			
Dorchester.....		4,300 00	
Bowdoin Dorchester School Fund:			
Income on Trust Fund.....		180 00	
Horace Mann School Fund Income:			
Income on Trust Funds.....	\$304 00		
Eastburn School Fund Income:			
Income on Trust Funds.....	435 00		
Franklin Medal Fund:			
Income.....	35 00		
Teachers' Waterston Fund Income,	144 00	918 00	
Schoolhouse Department:			
Sale of furniture.....	\$371 75		
Sale of horse and buggy.....	225 00		
Forfeiture on bid.....	300 00	896 75	
Land and Buildings for Schools:			
Sale of old buildings on site of			
proposed Schoolhouse, Lyman			
District, East Boston.....	\$1,263 75		
<i>Carried forward</i>	\$1,263 75	\$102,264 76	\$4,036,814 27

<i>Brought forward</i>	\$1,263 75	\$102,264 76	\$4,036,814 27
Schools and Schoolhouses.— Cont.			
Land and Buildings for Schools:			
Rents, 1911-1912.....	112 00		
Sale of buildings, addition to Roxbury Schoolhouse site....	150 00		
		1,525 75	103,790 51
Soldiers' Relief Department.			
From Commonwealth of Massachusetts:			
Military Aid, sections 9 to 14, chapter 79, Revised Laws.....		\$7,187 14	
State Aid, sections 1 to 14, chapter 79, Revised Laws.....		96,340 00	
Burial of Indigent Soldiers, sections 20 to 21, chapter 79, Revised Laws.....		5,735 00	
Refund amount paid for burial..		35 00	109,297 14
State Bank Tax.			
Tax of 1911 collected by city.....			634,606 56
Statistics Department.			
<i>City Record:</i>			
Advertising:			
1911-1912.....	\$7,645 70		
1910-1911.....	287 80		
		\$7,933 50	
Sales of copies and subscriptions.....		970 15	8,903 65
Street Laying-Out Department.			
Licenses for storage and sale of merchandise in public streets.....	\$23,746 00		
Explosives.....	207 00		
Rents.....	2,055 00		
		\$26,008 00	
Rutherford Avenue Widening:			
Betterments, 1905-1906.....	\$33 09		
Interest on ditto....	18 39		
		\$51 48	
Dorchester Street:			
Assessments, 1906-1907.....	\$491 68		
Interest on ditto....	117 74		
		609 42	
Hyde Park Avenue:			
1907-1908.....	\$4,927 26		
Interest on ditto....	956 85		
		5,884 11	
Belgrade Avenue:			
Assessments, 1907-1908.....	\$1,561 48		
Interest on ditto....	273 28		
		1,834 76	
		8,379 77	
<i>Carried forward</i>		\$34,387 77	\$4,893,412 13

Brought forward.....				\$34,387 77	\$4,893,412 13																																																																																																																																																																		
Street Laying-Out Department.—																																																																																																																																																																							
<i>Cont.</i>																																																																																																																																																																							
Public Lands:																																																																																																																																																																							
Release of land in Austin Street, Milton.....				5 00	34,392 77																																																																																																																																																																		
Hyde Park:																																																																																																																																																																							
Street Assessments, 1911–1912....					248 00																																																																																																																																																																		
Taxes.																																																																																																																																																																							
Assessments, 1911:																																																																																																																																																																							
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Assessments, 1910:																																																																																																																																																																							
Polls.....				\$38,664 00																																																																																																																																																																			
Real estate.....				1,694,085 38																																																																																																																																																																			
Personal.....				355,863 43																																																																																																																																																																			
					2,088,612 81																																																																																																																																																																		
Assessments, 1909:																																																																																																																																																																							
Polls.....				\$984 00																																																																																																																																																																			
Real estate.....				496,843 29																																																																																																																																																																			
Personal.....				24,249 65																																																																																																																																																																			
					522,076 94																																																																																																																																																																		
Assessments, 1908:																																																																																																																																																																							
Polls.....				\$184 00																																																																																																																																																																			
Real estate.....				26,325 57																																																																																																																																																																			
Personal.....				4,392 35																																																																																																																																																																			
					30,901 92																																																																																																																																																																		
Carried forward.....				\$23,239,712 17	\$4,928,052 90																																																																																																																																																																		

<i>Brought forward</i>	\$23,239,712 17		\$4,928,052 90
Taxes.—Cont.			
Assessments, 1907:			
Polls.....	\$88 00		
Real estate.....	5,184 72		
Personal.....	993 05		
	6,265 77		
Assessments, 1906:			
Polls.....	\$30 00		
Real estate.....	683 60		
Personal.....	618 66		
	1,332 26		
Assessments, 1905:			
Polls.....	\$2 00		
Real estate.....	<i>Dt.</i> 61 20		
Personal.....	523 10		
	463 90		
Assessments, 1904:			
Real estate.....	<i>Dt.</i> \$99 28		
Personal.....	115 16		
	15 88		
Assessments, 1903:			
Real estate.....	<i>Dt.</i> \$24 00		
Personal.....	61 00		
	37 00		
Assessments, 1902:			
Real estate.....	\$0 01		
Personal.....	12 37		
	12 38		
Assessments, 1901:			
Personal.....	4 40		
		\$23,247,843 76	
National Bank Tax, 1911.....		228,453 88	
Corporation Tax from Commonwealth, 1911.....		1,818,599 53	
Corporation Bank Tax from Commonwealth, 1911.....		15,087 51	
Street Railway Tax, 1911.....		460,844 20	
Excise Tax, Street Railway, 1911..		4,027 38	
Excise Tax, Street Railway, from Commonwealth, 1911.....		81,059 11	
Taxes, from Commonwealth, 1911..		4,920 00	
Town of Brookline, 1911.....		27 88	
Reimbursement for loss of taxes on land used for Public Institutions,		16,016 86	
			25,876,880 11
From Estate of Quincy A. Shaw,			
Taxes of 1908–1909, not assessed,			492,020 42
Hyde Park:			
Taxes, 1911.....		\$27,737 50	
Taxes, 1910.....		969 92	
Taxes, 1909.....		38 87	
			28,746 29
<i>Carried forward</i>			\$31,325,699 72

Brought forward.....			\$31,325,699 72
Water Service.			
From Water Rates:			
1912.....	\$106,136 43		
1911.....	2,605,531 12		
1910.....	17,658 71		
1909.....	25 00		
1908.....	72 00		
1906.....	100 00		
		\$2,729,523 26	
Fees.....		3,842 16	
Off and on water for nonpayment.....		750 00	
Miscellaneous:			
Difference in cost of laying pipes, 1911-1912.....	\$603 00		
Service Pipes and Repairs:			
1911-1912.....	\$39,375 53		
1910-1911.....	302 50		
	39,678 03		
Off and on Water for Repairs:			
1911-1912.....	1,785 20		
Sale of Old Material:			
1911-1912.....	\$1,930 35		
1910-1911.....	63 84		
	1,994 19		
Sale of Merchandise:			
1911-1912.....	\$775 24		
1910-1911.....	45 45		
	820 69		
Elevator and Standpipe:			
1911-1912.....	\$4,872 09		
1910-1911.....	194 97		
	5,067 06		
Interest on deposits, 1911-1912....	249 25		
Labor:			
1911-1912.....	\$8,465 83		
1910-1911.....	2,840 49		
	11,306 32		
Miscellaneous.....	5 00		
Refund on telephone, 1911-1912....	64		
Sale of safe, 1911-1912.....	50 00		
Sale of auto, 1911-1912.....	125 00		
		61,684 38	
Rents, 1911-1912.....		764 65	
			2,796,564 45
Hyde Park:			
Water rates, 1911.....		\$875 11	
Sale of old cans.....		2 25	
			877 36
Weights and Measures Department.			
Fees.....		\$9,288 82	
Sale of horse.....		104 50	
			9,393 32
Wire Department.			
Permits, 1911-1912.....			3,301 50
Paid City Treasurer.....			\$34,135,836 35

Collecting Department — Receipts for County of Suffolk.

Money received as follows:		
From Sheriff:		
Sale of old material.....	\$105 47	
Board of U. S. prisoners.....	394 25	
Board of U. S. poor debtors.....	102 00	
		\$601 72
From Clerk of Supreme Judicial Court:		
Fees.....		1,450 83
From Clerk of Superior Court, Civil Session:		
Fees.....		23,458 64
From Clerk of Superior Criminal Court:		
Fees.....	\$189 87	
Interest on bank deposit.....	472 68	
From Sheriff, fines.....	23,221 34	
From Master of House of Correction.....	425 00	
Refund Barry Case.....	31 05	
Traveling expenses returned.....	6 88	
		24,346 82
From Clerk of Municipal Court, Civil Session:		
Fees.....		24,640 39
From Clerk of Municipal Court, Criminal Session:		
Fines and costs.....	\$40,232 01	
Forfeitures.....	2,225 00	
From Sheriff, fines.....	2,730 00	
From Master of House of Correction.....	138 00	
Traveling expenses returned.....	32 00	
Sale gaming fixtures.....	42 01	
		45,399 02
From Clerk of Municipal Court, Charlestown:		
Fines and costs.....	\$5,078 65	
From Master of House of Correction.....	633 00	
Forfeiture.....	15 69	
From Sheriff.....	4 25	
		5,731 59
From Clerk of East Boston District Court:		
Fines and costs.....	\$3,637 79	
From Master of House of Correction.....	433 00	
		4,070 79
From Clerk of Municipal Court, South Boston:		
Fines and costs.....	\$3,627 36	
Forfeiture.....	25 00	
From Master of House of Correction.....	679 00	
		4,331 36
From Clerk of Municipal Court, Dorchester:		
Fines and costs.....	\$3,011 61	
From Master of House of Correction.....	345 00	
		3,356 61
Carried forward.....		\$137,387 77

<i>Brought forward</i>		\$137,387 77
From Clerk of Municipal Court, Roxbury:		
Fines and costs.....	\$7,622 93	
From Master of House of Correction.....	220 00	
		7,842 93
From Clerk of Municipal Court, West Roxbury:		
Fines and costs.....	\$2,418 55	
From Sheriff.....	5 82	
From Master of House of Correction.....	187 00	
		2,611 37
From Justice of Municipal Court, Brighton:		
Fines and costs.....	\$3,808 54	
From Master of House of Correction.....	660 50	
		4,469 04
From Police Court, Chelsea:		
From Master of House of Correction.....		356 50
From Master of House of Correction, Deer Island:		
Labor and Sale of Material:		
Regular, 1911-1912.....	\$1,957 72	
Regular, 1910-1911.....	42 08	
Regular, 1909-1910.....	282 52	
	\$2,282 32	
Sale of Manufactured Goods, etc.:		
1911-1912.....	18,466 76	
Edgestones, 1911-1912.....	16,624 20	
		37,373 28
Juvenile Court:		
Fees.....		469 50
Peddlers' licenses.....		564 00
From Register of Deeds:		
Fees.....	\$39,204 65	
Recording land titles.....	4,029 55	
Commission on telephones.....	85 65	
Interest.....	6 24	
		43,326 09
County Buildings:		
Telephone connections.....	\$37 20	
Sale of atlas.....	5 00	
Sale of slate slabs.....	5 00	
Sale of waste.....	42 29	
Interest.....	20 67	
		110 16
Paid to County Treasurer.....		<u>\$234,510 64</u>
Total Receipts.		
City of Boston.....		\$34,135,836 35
County of Suffolk.....		234,510 64
		<u>\$34,370,346 99</u>

1911-1912.

Assessments and Bills Committed from February 1, 1911, to January 31, 1912, and Amounts Collected, Abated and Uncollected upon the Respective Amounts.

	Committed.	Abated.	Collected.	Uncollected Jan. 31, 1912.
Abolishment of Grade Crossings.....	\$7,649 41		\$7,649 41	
Bath Department.....	23,414 16		23,414 16	
Building Department.....	196 00		51 00	\$145 00
Charles River Embankment.....	212,776 42		172,066 49	40,709 93
City Clerk Department....	210 25		210 25	
City Documents.....	28 00		28 00	
City Record.....	9,047 25	\$3 60	8,615 85	427 80
Consumptives' Hospital Department.....	16,063 13	30 00	1,522 64	14,510 49
County of Suffolk:				
House of Correction, Deer Island:				
Regular.....	2,423 55		1,957 72	465 83
Industries.....	23,346 10		18,466 76	4,879 34
Edgestones.....	18,023 85	1,399 65	16,624 20	
Election Department.....	1,202 54		1,202 54	
Fire Department.....	8,595 56		8,330 82	264 74
Fireboat Engine No. 30....	2,555 00		2,555 00	
Gibson School Fund.....	4,300 00		4,300 00	
Health Department.....	1,017 19		1,052 05	Cr. 34 86
Quarantine.....	12,633 50	951 25	11,101 75	580 50
Highways, Making of.....	900 00		900 00	
Construction of Alpha Road.....	3,563 22		1,213 06	2,350 16
Construction of Alther Street.....	617 16		140 61	476 55
Construction of Belfast Street.....	630 48		268 77	361 71
Construction of Benton Street.....	1,351 85		752 32	599 53
Construction of Doris Street.....	512 26		409 30	102 96
Construction of Evergreen Street.....	3,596 41		398 14	3,198 27
Construction of Farquhar Street.....	3,017 72		126 49	2,891 23
Construction of Fletcher Street.....	5,574 44		1,514 58	4,059 86
Construction of Howe Street.....	2,317 88		91 75	2,226 13
Construction of Kempton Street.....	1,704 30		29 52	1,674 78
Construction of Kingsdale Street.....	1,613 09			1,613 09
Carried forward.....	\$368,880 72	\$2,384 50	\$284,993 18	\$81,503 04

	Committed.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$368,880 72	\$2,384 50	\$284,993 18	\$81,503 04
Highways, Making of.— <i>Con.</i>				
Construction of Maybrook Street.....	916 02		430 16	485 86
Construction of Maybury Park.....	1,341 47		325 90	1,015 57
Construction of Melbourne Street.....	2,207 69		37 56	2,170 13
Construction of Millet Street.....	1,194 44		238 04	956 40
Construction of Mountain Avenue.....	6,451 65		1,405 57	5,046 08
Construction of Newcastle Street.....	2,988 43		610 96	2,377 47
Construction of Penhallow Street.....	1,130 91		487 89	643 02
Construction of Prescott Street.....	6,217 24			6,217 24
Construction of Radcliffe Street.....	3,453 90		802 58	2,651 32
Construction of Rochdale Street.....	938 15			938 15
Construction of Sudan Street.....	2,657 53		360 19	2,297 34
Construction of Walworth Street.....	2,807 81		118 28	2,689 53
Construction of Wellesley Park.....	5,095 45		1,707 53	3,387 92
Hospital Department.....	44,026 77	318 56	25,828 03	17,880 18
Institutions:				
Almshouse, Charlestown, Boston Almshouse and Hospital.....	90 96		38 82	52 14
Suffolk School for Boys..	5,826 67		4,711 82	1,114 85
Parental School.....	2,875 83	127 85	2,747 98	
Placing-Out Department,	1,816 94		1,816 94	
Steamer "Monitor".....	966 36		903 50	62 86
Steamer "John Howard,"	48 26		48 26	
Library Department.....	250 00		250 00	
Liquor Licenses.....	8,272 96		8,272 96	
Licensing Board.....	1,299,964 07	15,358 65	1,284,266 36	339 06
Park Department.....	21,725 99	529 00	21,196 99	
Playgrounds, Improve-	14,032 17		14,032 17	
ment.....	550 00		550 00	
Public Grounds.....	1,052 32	23 68	1,047 99	Cr. 19 35
Gypsy and Brown-tail Moth Suppression, 1911.....	9,926 77	35 48	6,784 52	3,106 77
Police Department.....	6,097 65		5,522 40	575 25
Printing Department.....	204,537 63	1,669 32	194,687 47	8,180 84
Public Buildings.....	532 13		532 13	
Public Lands.....	5 00		5 00	
Rent Department:				
Armories.....	7,078 00		7,078 00	
Bath Department.....	650 81	01	650 80	
<i>Carried forward</i>	\$2,036,608 70	\$20,447 05	\$1,872,489 98	\$143,671 67

COLLECTING DEPARTMENT.

47

	Committed.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$2,036,608 70	\$20,447 05	\$1,872,489 98	\$143,671 67
Rent Department.— <i>Cont.</i>				
Water Service.....	764 65		764 65	
Charlestown Bridge.....	1,164 58			1,164 58
Ferry Service.....	1,300 84		1,297 34	3 50
Gibson School Fund				
Income.....	1,225 00		1,225 00	
Hecht's Wharf.....	180 00		120 00	60 00
Fort Hill Wharf.....	1,104 00		989 00	115 00
Lamp Service.....	1,200 00		1,200 00	
Park Department.....	3,829 23		3,829 23	
Land and Building for				
Schools.....	112 00		112 00	
Public Buildings.....	11,378 84		11,085 24	293 60
Sewer Service.....	10 00		10 00	
School Committee, Sup-				
plies and Incidentals...	839 64		839 64	
Street Cleaning Service..	350 00		300 00	50 00
Rapid Transit, Interest				
and Sinking Funds....	199,920 01		199,920 01	
Rapid Transit, Interest				
and Sinking Fund,				
alterations.....	11,830 36		11,830 36	
Rapid Transit, Interest				
and Sinking Fund, East				
Boston Tunnel.....	58,013 02		58,013 02	
Rapid Transit, Interest				
and Sinking Fund,				
Boston Tunnel and				
Subway Appropriation,	340,129 49		333,000 00	7,129 49
Rapid Transit, Boston				
Tunnel and Subway				
Sinking Fund.....	42,420 25		42,420 25	
Fire Department.....	32 00		32 00	
Markets.....	123,908 00		123,908 00	
Hospital Estate, Massa-				
chusetts Avenue.....	3,057 13		3,057 13	
Rapid Transit:				
Rapid Transit, Interest				
Tunnel and Subway				
Appropriation.....	261,232 34		261,232 34	
Rapid Transit, Interest				
and Sinking Fund, East				
Boston Tunnel Tolls...	123,104 50		123,104 50	
Rapid Transit, Park				
Street to South Station,	532 47		532 47	
Rapid Transit, Cambridge				
Connection.....	631 67		631 67	
Rapid Transit, Boston				
Tunnel and Subway				
Sinking Fund.....	7,952 76		7,952 76	
Rapid Transit, Dorches-				
ter to South Boston...	1,665 43		1,665 43	
Reserve Fund.....	774 85		774 85	
Sale of City Property....	75,000 00		75,000 00	
<i>Carried forward</i>	\$3,310,271 76	\$20,447 05	\$3,137,336 87	\$152,487 84

	Committed.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$3,310,271 76	\$20,447 05	\$3,137,336 87	\$152,487 84
School Committee:				
Supplies and Incidentals..	14,527 83	60	14,246 40	280 83
School Instructors.....	77,348 69	342 94	75,662 23	1,343 52
Schoolhouse Department...	896 75		896 75	
Public Works:				
Bridge Service.....	5,639 09		5,639 09	
Sanitary Service.....	63,444 32	39 48	61,426 56	1,978 28
Street Cleaning Service...	451 25		451 25	
Paving Service:				
General Revenue.....	47,782 84	359 61	37,413 38	10,009 85
Appropriation, Labor, etc.....	17,100 27	324 00	11,102 06	5,674 21
Central Office.....	107 12		107 12	
Ferry Service.....	102,742 60		102,742 60	
Sewer Service:				
Assessments.....	15,764 50	221 05	14,734 94	808 51
Appropriations.....	3,870 35	2 67	3,628 61	239 07
Sewers between Roslin- dale and West Rox- bury.....	265 58	74 22	75 78	115 58
Sewers, Commonwealth avenue.....	31 00		31 00	
Separate systems of drainage.....	59,122 17	697 72	14,069 70	44,354 75
Sewerage Works.....	33,043 62	301 75	19,349 29	13,392 58
Land and Buildings for Schools.....	1,413 75		1,413 75	
Taxes, 1911.....	23,679,963 76	179,857 14	20,598,120 50	2,901,986 12
National Bank Tax, 1911:				
City.....	228,453 88		228,453 88	
State.....	634,606 56		634,606 56	
Commission.....	6,410 16		6,410 16	
Town of Brookline.....	27 88		27 88	
Water Service:				
Miscellaneous.....	64,050 17	1,726 33	58,237 13	4,086 71
Water Rates, 1912.....	951,146 38	2,000 92	106,136 43	843,009 03
Excise Tax, Street Railway, 1911.....	4,027 38		4,027 38	
Excise Tax, Street Railway, 1911:				
From Commonwealth...	81,059 11		81,059 11	
Taxes from Commonwealth, 1911.....	4,920 00		4,920 00	
Wire Department.....	3,775 50		3,301 50	474 00
Hyde Park:				
School instructors.....	616 38		616 38	
Street assessments.....	2,452 27		248 00	2,204 27
Sewer assessments.....	11,846 87		98 00	11,748 87
Paving assessments.....	418 75		36 25	382 50
Taxes, 1909.....	2,818 25		38 87	2,779 38
Taxes, 1910.....	12,913 40		969 92	11,943 48
Taxes, 1911.....	102,015 89	43 20	27,737 50	74,235 19
Water rates, 1911.....	1,465 52		875 11	590 41
Water service.....	5 35		2 25	3 10
Sanitary service.....	83 79		83 79	
	\$29,546,900 74	\$206,438 68	\$25,256,333 98	\$4,084,128 08

Balance of 1910-1911 Accounts.

	Committed.	Abated.	Collected.	Uncollected Jan. 31, 1912.
Building Department.....	\$169 35		\$38 40	\$130 95
City Clerk Department....	13 36		13 36	
City Record.....	315 40		287 80	27 60
Consumptives' Hospital Department.....	269 41		158 00	111 41
County of Suffolk:				
House of Correction, Deer Island:				
Regular.....	56 93		44 08	12 85
Industries.....	24	\$0 24		
Fire Department.....	90 00			90 00
Health Department.....				
Quarantine.....	209 00	20 00	165 00	24 00
Highways, Making of:				
Construction of Ashland Street.....	309 95		219 95	90 00
Construction of Bellevue Street.....	2,044 29	364 42	429 03	1,250 84
Construction of Bernard Street.....	3,669 92	781 86	798 93	2,089 13
Construction of Bruce Street.....	500 00		12 50	487 50
Construction of Carmen Street.....	2,316 97		1,109 53	1,207 44
Construction of Corona Street.....	3,256 36		248 64	3,007 72
Construction of Cottage Street.....	1,654 56		33 06	1,621 50
Construction of Cottage Terrace.....	2,312 78		1,603 34	709 44
Construction of Cotton Street.....	2,883 25	77 49	466 84	2,338 92
Construction of Dakota Street.....	4,637 32		926 53	3,710 79
Construction of Dayton Street.....	913 07		150 00	763 07
Construction of Everdean Street.....	2,682 59	104 99	327 92	2,249 68
Construction of Harlem Street.....	518 05		137 38	380 67
Construction of Kilton Street.....	1,341 18		309 07	1,032 11
Construction of Larkin Street.....	1,666 12	73 00	308 56	1,284 56
Construction of Montfern Street.....	2,144 50		375 14	1,769 36
Construction of Parkview Street.....	967 76		84 15	883 61
Carried forward.....	\$34,942 36	\$1,422 00	\$8,247 21	\$25,273 15

	Committed.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$34,942 36	\$1,422 00	\$8,247 21	\$25,273 15
Highways, Making of— <i>Cont.</i>				
Construction of South Huntington Avenue....	2,525 59		986 13	1,539 46
Construction of Stone- hurst Street.....	2,523 69	25 00	671 14	1,827 55
Construction of Upham Avenue.....	1,255 22		913 33	341 89
Hospital Department.....	17,635 22	102 00	8,689 36	8,843 86
Institutions:				
Almshouse, Charlestown.	187 72		187 72	
Boston Almshouse and Hospital.....	1,258 92	16 71	768 55	473 66
Suffolk School for Boys..	247 05		247 05	
Parental School.....	249 87		174 51	75 36
Placing-Out Department.	296 25			296 25
Public Grounds.....	108 17			108 17
Gypsy and Brown-tail Moth Suppression, 1910.....	2,749 51	12 19	1,255 48	1,481 84
Police Department.....	460 20		460 20	
Printing Department.....	8,986 64		8,939 21	47 43
Rent Department:				
Ferry Division.....	16 66		16 66	
Hecht's Wharf.....	15 00		15 00	
Fort Hill Wharf.....	83 00		26 00	57 00
Public Buildings.....	155 08		155 08	
Rapid Transit, Interest and Sinking Fund, Boston Tunnel and Sub- way Appropriation....	13,033 24			13,033 24
Paving Division.....	54 67			54 67
School Instructors.....	924 09	123 50	561 07	239 52
Streets:				
Bridge Division.....	85 72		40 00	45 72
Sanitary Division.....	4,067 47	07	3,277 09	790 31
Sewer Service:				
General Revenue.....	2,002 03	163 03	761 40	1,077 60
Appropriation, Labor, etc.....	917 42		800 24	117 18
Ferry Division.....	45 00		32 50	12 50
Paving Service:				
Assessments.....	10,592 00	822 25	8,305 28	1,464 47
Appropriations.....	2,390 77		1,081 64	1,309 13
Sewerage Works.....	27,443 83	709 50	5,034 26	21,700 07
Taxes, 1910.....	3,169,617 10	62,254 30	2,088,612 81	1,018,749 99
Water Service:				
Miscellaneous.....	5,060 92	554 34	3,447 25	1,059 33
Water Rates, 1911, and additional.....	2,731,906 24	37,734 96	2,605,531 12	88,640 16
	\$6,041,836 65	\$103,939 85	\$4,749,237 29	\$1,188,659 51

Balances of 1909-1910 Accounts.

	Balances Uncollected Jan. 31, 1911, and Additional.	Abated.	Collected.	Uncollected Jan. 31, 1912.
Building Department.....	\$25 00			\$25 00
<i>City Record</i>	30 00			30 00
County of Suffolk:				
House of Correction, Deer Island:				
Regular.....	749 96	\$275 35	\$280 52	194 09
Health Department.....	983 43			983 43
Quarantine.....	13 00			13 00
Highways, Making of:				
Construction of Arcadia Park.....	637 32		66 54	570 78
Construction of Bayswater Street.....	2,446 26		211 04	2,235 22
Construction of Davitt St..	1,190 19		95 33	1,094 86
Construction of Frankfort Street.....	1,867 77		115 77	1,752 00
Construction of Larchmont Street.....	2,509 66		560 51	1,949 15
Construction of Mallet St..	2,684 14		314 50	2,369 64
Construction of Mapleton Street.....	3,373 94		495 75	2,878 19
Construction of Norton St..	925 28		279 50	645 78
Construction of Rockledge Street.....	731 95		50 31	681 64
Construction of Samoset Street.....	1,905 46		278 47	1,626 99
Construction of Speedwell Street.....	2,782 55		943 09	1,839 46
Hospital Department.....	8,589 88		266 43	8,323 45
Institutions:				
New Boiler, Long Island...	74 75			74 75
Boston Almshouse and Hospital.....	147 96			147 96
Pauper Expenses.....	491 01		53 20	437 81
Public Grounds.....	101 15			101 15
Gypsy and Brown-tail Moth Suppression, 1909.....	90 29			90 29
Police Department.....	1,435 29	29 20	1,310 51	95 58
Printing Department.....	113 94		59 57	54 37
Rent Department:				
Fort Hill Wharf.....	84 00			84 00
Rapid Transit, Boston Tunnel and Subway Sinking Fund.....	14,452 17			14,452 17
Sewer Division.....	230 00			230 00
<i>Carried forward</i>	\$48,666 35	\$304 55	\$5,381 04	\$42,980 76

	Balances Uncollected Jan. 31, 1911, and Additional.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$48,666 35	\$304 55	\$5,381 04	\$42,980 76
School Instructors.....	447 26		195 16	252 10
Streets:				
Bridge Service.....	31 09			31 09
Sanitary Service.....	1,280 78			1,280 78
Paving Service:				
General Revenue.....	1,237 66		728 40	509 26
Appropriation, Labor, etc.,	746 97			746 97
Ferry Service.....	23 50			23 50
Sewer Service:				
Assessments.....	231 50	30 60	29 40	171 50
Appropriations.....	24 88			24 88
Sewerage Works.....	62,289 74	3,784 60	13,628 60	44,876 54
Taxes, 1909.....	862,581 86	9,703 42	522,076 94	330,801 50
Water Service:				
Cochituate Division.....	1,513 78			1,513 78
Cochituate Water Rates, 1910, and additional.....	43,431 49	21,225 23	17,658 71	4,547 55
	\$1,022,506 86	\$35,048 40	\$559,698 25	\$427,760 21

Balances of 1908-1909 Accounts.

	Balances Uncollected Jan. 31, 1911, and Additional.	Abated.	Collected.	Uncollected Jan. 31, 1912.
Building Department.....	\$319 15			\$319 15
Consumptives' Hospital De- partment.....	12 00			12 00
County of Suffolk:				
House of Correction, Deer Island:				
Regular.....	306 26	\$295 50		10 76
Highways, Making of:				
Construction of Aspinwall Road.....	2,016 27		\$170 18	1,846 09
Construction of Bakers- field Street.....	1,373 64		112 23	1,261 41
Construction of Benning- ton Street.....	37,723 83	197 22	4,538 32	32,988 29
Construction of Boyden Street.....	446 93		51 81	395 12
Construction of Brad- shaw Street.....	238 34		23 53	214 81
Construction of Clay- bourne Street.....	427 30		119 18	308 12
Construction of Clement Avenue.....	475 01		57 33	417 68
Construction of Dahlgren Street.....	463 49		25 48	438 01
Construction of Fenwood Road.....	1,591 61	25 00	264 78	1,301 83
Construction of Fottler Road.....	445 11		19 14	425 97
Construction of Hobson Street.....	3,247 16		1,153 73	2,093 43
Construction of Kerwin Street.....	1,138 63		144 32	994 31
Construction of Long- fellow Street.....	2,800 11		416 67	2,383 44
Construction of Lorraine Street.....	936 31		173 19	763 12
Construction of Marmion Street.....	980 07		151 14	828 93
Construction of Meredith Street.....	1,019 65		140 69	878 96
Construction of Milwood Street.....	1,556 58		270 81	1,285 77
Construction of Oakridge Street.....	987 50		137 50	850 00
<i>Carried forward.....</i>	\$58,504 95	\$517 72	\$7,970 03	\$50,017 20

	Balances Uncollected Jan. 31, 1911, and Additional.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$58,504 95	\$517 72	\$7,970 03	\$50,017 20
Highways, Making of.— <i>Cont.</i>				
Construction of Pomfret Street.....	1,403 96		176 82	1,227 14
Construction of Primrose Street.....	1,720 37		195 77	1,524 60
Construction of Roseland Street.....	755 20		71 60	683 60
Construction of Rosemary Street.....	772 39		113 88	658 51
Construction of Rowe Street.....	806 03		69 18	736 85
Construction of Willow- wood Street.....	4,079 87		883 14	3,196 73
Hospital Department.....	3,351 07			3,351 07
Institutions:				
Almshouse, Charlestown...	39 00			39 00
Boston Insane Hospital...	292 42			292 42
Boston Almshouse and Hos- pital.....	89 69			89 69
Epileptics, care of.....	314 32			314 32
Placing Out Department...	415 53		74 28	341 25
Printing Department.....	57 74		36 29	21 45
Public Grounds:				
Gypsy and Brown-tail Moth Suppression, 1908..	347 45		157 16	190 29
Rent Department:				
Fort Hill Wharf.....	130 00			130 00
Public Buildings.....	760 00			760 00
School Instructors.....	30 22			30 22
Public Works:				
Sanitary Service.....	814 96			814 96
Paving Service:				
General Revenue.....	249 47		34 30	215 17
Appropriation, Labor, etc.....	303 22			303 22
Sewer Service:				
Appropriations.....	430 18	233 34	188 00	8 84
Assessments.....	298 23	76 94	77 29	144 00
Sewers between Roslin- dale and West Roxbury,	64 35	31 10	33 25	
Sewerage Works.....	36,528 00	137 72	4,624 20	31,766 08
Taxes, 1908, and Additional..	337,181 44	2,004 15	30,901 92	304,275 37
Water Service:				
Cochituate Division.....	1,109 00			1,109 00
Cochituate Water Rates, 1909, and additional....	1,991 49	118 30	25 00	1,848 19
	\$452,840 55	\$3,119 27	\$45,632 11	\$404,089 17

Balances of 1907-1908 Accounts.

	Balances Uncollected Jan. 31, 1911, and Additional.	Abated.	Collected.	Uncollected Jan. 31, 1912.
Belgrade Avenue.	\$7,094 17	\$10 50	\$1,561 48	\$5,522 19
Consumptives' Hospital De- partment.	15 42			15 42
County of Suffolk:				
House of Correction, Deer Island:				
Regular.	1,236 49	1,212 25		24 24
Hyde Park Avenue.	17,805 54	1,756 72	4,927 26	11,121 56
Health Department.	600 00			600 00
Highways, Making of:				
Construction of Columbia Road.	163,867 08	2,435 30	15,023 44	146,408 34
Construction of Jersey Street.	2,833 41		2,833 41	
Construction of Queens- berry Street.	34,703 95		19,652 77	15,051 18
Hospital Department.	7,738 83			7,738 83
Institutions:				
Almshouse, Charlestown. . .	144 01			144 01
Boston Insane Hospital. . .	12 57			12 57
Boston Almshouse and Hospital.	170 23			170 23
Epileptics, Care of.	103 58			103 58
Public Grounds:				
Gypsy and Brown-tail Moth Suppression, 1907, and Additional.	97 07	10 85	54 64	31 58
Printing Department.	344 73			344 73
Rent Department:				
Fort Hill Wharf.	13 00			13 00
Northern Avenue and Sleepers Street.	175 00			175 00
Public Buildings.	30 00			30 00
School Instructors.	28 20			28 20
Public Works Department:				
Sanitary Service.	903 62			903 62
Paving Service:				
General Revenue.	1,626 65		967 18	659 47
Appropriation, Labor, etc.,	408 69	57 86		350 83
Ferry Service.	1,140 56			1,140 56
Sewer Service:				
Assessments.	80 72			80 72
Appropriations.	618 16			618 16
Carried forward.	\$241,791 68	\$5,483 48	\$45,020 18	\$191,288 02

	Balances Uncollected Jan. 31, 1911, and Additional.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$241,791 68	\$5,483 48	\$45,020 18	\$191,288 02
Public Works.— <i>Cont.</i>				
Sewers:				
Between Roslin- dale and West Rox- bury.....	100 00	24 20	25 80	50 00
Westville, Freeman and Charles Streets..	382 85	.....	.....	382 85
Sewerage works.....	43,645 97	554 32	6,709 71	36,381 94
Street Cleaning Service...	38 01	.....	.....	38 01
Taxes, 1907, and additional...	286,984 34	531 50	6,265 77	280,187 07
Water Service:				
Miscellaneous.....	1,840 09	.....	.....	1,840 09
Water Rates, 1908.....	461 34	.....	72 00	389 34
	\$575,244 28	\$6,593 50	\$58,093 46	\$510,557 32

Balances of 1906-1907 Accounts.

	Balances Uncollected Jan. 31, 1911, and Additional.	Abated.	Collected.	Uncollected Jan. 31, 1912.
Building Department.....	\$281 69			\$281 69
County of Suffolk:				
House of Correction, Deer Island:				
Regular.....	169 43	\$169 43		
Edgestones.....	Cr. 237 34			Cr. 237 34
Dorchester Street.....	5,837 04		\$491 68	5,345 36
Highways, Making of:				
Construction of Cummington				
Street.....	2,737 28	705 62	285 71	1,745 95
Construction of Oswald Street....	57 70		10 11	47 59
Construction of Seymour Street..	2,401 34		89 31	2,312 03
Construction of Spalding Street..	407 49		43 88	363 61
Construction of Walter Street....	6,794 29		367 08	6,427 21
Hospital Department.....	9,469 26			9,469 26
Institutions:				
Boston Insane Hospital.....	37 63			37 63
Boston Almshouse and Hospital..	455 22			455 22
Epileptics, Care of.....	43 18			43 18
Pauper Expenses.....	42 12			42 12
Placing-Out Department.....	291 45			291 45
Park Department:				
Gypsy and Brown-tail Moth Sup-				
pression, 1906, and additional..	47 67		19 92	27 75
Printing Department.....	108 38			108 38
Rent Department:				
Ferry Division.....	33 34			33 34
Fort Hill Wharf.....	27 00			27 00
Public Works:				
Paving Service:				
General Revenue.....	765 25		779 44	Cr. 14 19
Appropriation, Labor, etc.....	247 33			247 33
Sewer Service:				
Assessments.....	Cr. 21 10			Cr. 21 10
Appropriations.....	79 30			79 30
Sewerage Works.....	17,886 04	46 53	2,843 39	14,996 12
Street Cleaning Service.....	45 62			45 62
Taxes, 1906, and additional.....	230,487 96	222 60	1,332 26	228,933 10
Water Service:				
Miscellaneous.....	113 56			113 56
	\$278,608 13	\$1,144 18	\$6,262 78	\$271,201 17

Balances of 1905-1906 Accounts.

	Balances Uncollected Jan. 31, 1911, and Additional.	Abated.	Collected.	Uncollected Jan. 31, 1912.
Abolishment of Grade Crossings...	\$1200			\$12 00
Betterments:				
Carleton Street.....	350 00			350 00
Rutherford Avenue, Widening...	439 17		\$33 09	406 08
County of Suffolk:				
House of Correction, Deer Island:				
Regular.....	63 20	\$63 20		
Edgestones.....	237 34			237 34
Health Department.....	5 00			5 00
Highways, Making of:				
Construction of Ainsley Street...	320 15		38 25	281 90
Construction of Bird Street....	303 64		24 80	278 84
Construction of Blanche Street..	659 71		100 71	559 00
Construction of Blandford Street,	2,763 40		87 51	2,675 89
Construction of Bowen Street...	640 02		101 53	538 49
Construction of Brookline Avenue.....	3,887 74		1,036 23	2,851 51
Construction of Bynner Street...	150 83		21 83	129 00
Construction of Calder Street....	265 00		7 50	257 50
Construction of Capen Street....	998 63		182 77	815 86
Construction of Charlotte Street,	771 56		101 73	669 83
Construction of Davenport Street,	226 73		86 53	140 20
Construction of Dilworth Street..	712 01		371 34	340 67
Construction of Dunreath Street,	111 64		18 60	93 04
Construction of Elmont Street...	802 62		175 85	626 77
Construction of Florida Street...	1,546 27		323 72	1,222 55
Construction of Hale Street.....	1,393 55		278 06	1,115 49
Construction of Hamblen Street,	28 80			28 80
Construction of Haverford Street,	376 90		75 90	301 00
Construction of Hinckley Street..	57 36		8 06	49 30
Construction of Lindsey Street...	784 52		123 76	660 76
Construction of Millet Street...	365 62		82 15	283 47
Construction of Moultrie Street..	2,891 69		327 87	2,563 82
Construction of Public Alley No. 12.....	70 00			70 00
Construction of Public Alleys Nos. 13, 14, 15.....	544 67		71 17	473 50
Construction of Public Alley No. 303.....	Cr. 6 12		3 30	Cr. 9 42
Construction of Public Alley No. 502.....	67 93		43 53	24 40
Construction of Public Alley No. 503.....	132 68		5 51	127 17
Construction of Public Alley No. 804.....	481 35		121 14	360 21
Construction of Ritchie Street...	3,158 22			3,158 22
Carried forward.....	\$25,613 83	\$63 20	\$3,852 44	\$21,698 19

	Balances Uncollected Jan. 31, 1911, and Additional.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$25,613 83	\$63 20	\$3,852 44	\$21,698 19
Highways, Making of.— <i>Cont.</i>				
Construction of Roseclair Street..	2,309 99		76 02	2,233 97
Construction of Rosemont Street,	732 67		91 41	641 26
Construction of St. Margaret				
Street.....	719 53		139 73	579 80
Construction of South Hunting-				
ton Avenue.....	319 08		122 03	197 05
Construction of Swallow Street..	2,604 92		94 00	2,510 92
Construction of Tower Street....	743 39		232 84	510 55
Construction of Vicksburg Street,	256 68	56 32	48 04	152 32
Construction of Wayland Street..	559 04		154 53	404 51
Construction of Winthrop Street,	62 20		17 50	44 70
Hospital Department.....	16,226 84			16,226 84
Institutions:				
Boston Almshouse and Hospital..	113 72			113 72
Insane in State Institutions.....	302 61			302 61
Placing-Out Department.....	86 43			86 43
Boston Insane Hospital.....	963 43			963 43
Printing Department.....	446 86			446 86
Rent Department:				
Fort Hill Wharf.....	58 00			58 00
School Instructors.....	11 80			11 80
Public Works:				
Paving Service:				
General Revenue.....	1,386 65			1,386 65
Appropriation, Labor, etc.....	174 41	174 41		
Sewerage Works.....	24,509 18	37 17	4,327 99	20,144 02
Street Cleaning Service.....	94 86			94 86
Taxes, 1905, and additional.....	24,529 45	10,925 05	463 90	13,140 50
Water Service:				
Miscellaneous.....	930 64			930 64
Water rates, 1906.....	100 00		100 00	
	\$103,856 21	\$11,256 15	\$9,720 43	\$82,879 63

Balances of 1904-1905 Accounts.

	Balances Uncollected Jan. 31, 1911, and Additional.	Abated.	Collected.	Uncollected Jan. 31, 1912.
County of Suffolk:				
House of Correction, Deer Island:				
Regular.....	\$118 15	\$118 15		
Highways, Making of:				
Sewers.....	4,320 08	60 16	\$658 02	\$3,601 90
Construction of Alford Street....	3,609 54			3,609 54
Construction of Berkeley Street....	93 56	84 11	1 89	7 56
Construction of Brackett Street....	524 70		448 13	76 57
Construction of Carter Street....	206 77	44 89	40 47	121 41
Construction of Dakota Street....	228 56	39 62	46 42	142 52
Construction of Darling Street....	753 59		141 39	612 20
Construction of Fayston Street....	277 26		23 71	253 55
Construction of Gibson Street....	1,605 77	305 62	73 96	1,226 19
Construction of Hamilton Street..	157 75			157 75
Construction of Morrill Street....	155 71		37 41	118 30
Construction of Moseley Street....	675 21		155 56	519 65
Construction of Newland Street....	153 10		40 90	112 20
Construction of Oak Square				
Avenue.....	725 15		177 80	547 35
Construction of Oakwood Street..	610 19	8 97	77 74	523 48
Construction of Public Alley				
No. 422.....	7 87	1 71	1 54	4 62
Construction of Public Alley				
No. 423.....	191 70	19 20		172 50
Construction of Public Alley				
No. 441.....	233 92		38 31	195 61
Construction of Public Alley				
No. 444.....	766 80	76 70		690 10
Construction of Public Alley				
No. 901.....	643 06		106 15	536 91
Construction of Robin wood				
Avenue.....	664 58		98 83	565 75
Construction of Roland Street....	369 67		45 18	324 49
Construction of Snow Street....	477 85	44 38	117 55	315 92
Construction of South Street....	761 51		242 46	519 05
Construction of Torrey Street....	522 24	8 83	98 94	414 47
Construction of Vinson Street....	724 68		165 61	559 07
Construction of West Selden				
Street.....	5,063 44		1,150 81	3,912 63
Construction of West Tremlett				
Street.....	670 74		171 87	498 87
Construction of Windermere Road,	168 40		22 71	145 69
Hospital Department.....	44,485 00			44,485 00
Institutions:				
Almshouse, Charlestown.....	108 00			108 00
Boston Almshouse and Hospital..	16 84			16 84
Placing-Out Department.....	1,052 57			1,052 57
Carried forward.....	\$71,143 96	\$812 34	\$4,183 36	\$66,148 26

	Balances Uncollected Jan. 31, 1911, and Additional.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$71,143 96	\$812 34	\$4,183 36	\$66,148 26
Institutions. — <i>Cont.</i>				
Boston Insane Hospital.....	48 43	.....	.....	48 43
Epileptics, care of.....	534 86	.....	.....	534 86
Public Buildings:				
Miscellaneous.....	15 00	.....	.....	15 00
Rent Department:				
Fort Hill Wharf.....	140 00	.....	.....	140 00
School Instructors.....	19 60	.....	.....	19 60
Public Works:				
Bridge Service.....	3,436 27	.....	.....	3,436 27
Paving Service:				
General Revenue.....	100 50	.....	.....	100 50
Appropriation, Labor, etc....	11 98	11 98	.....	.....
Sewer Division:				
Appropriations.....	405 86	405 86	.....	.....
Sewerage Works.....	31,904 71	62 16	5,610 26	26,232 29
Street Cleaning Service.....	50 00	.....	.....	50 00
Taxes, 1904.....	16,577 65	5,999 10	15 88	10,562 67
Water Service:				
Miscellaneous.....	18,989 22	.....	.....	18,989 22
Water Rates, 1905.....	14 00	.....	.....	14 00
	\$143,392 04	\$7,291 44	\$9,809 50	\$126,291 10

Balances of 1903-1904 Accounts.

	Balances Uncollected Jan. 31, 1911, and Additional.	Abated.	Collected.	Uncollected Jan. 31, 1912.
Betterments, Blue Hill and other Avenues:				
Commonwealth Avenue.....	\$29,070 21			\$29,070 21
Huntington Avenue.....	53,038 02	\$186 30	\$3,524 15	49,327 57
Building Department.....	531 30			531 30
County of Suffolk:				
House of Correction, Deer Island:				
Regular.....	119 18			119 18
Industries.....	269 57			269 57
Edgestones.....	2 00			2 00
Highways, Making of:				
Sewers.....	293 16		59 24	233 92
Construction of Angell Street....	238 15		43 20	194 95
Construction of Barry Street....	554 68		106 69	447 99
Construction of Belvidere Street,	890 47		213 24	677 23
Construction of Boston Street....	426 72		115 24	311 48
Construction of Burt Street....	2,126 51	99 98	239 37	1,787 16
Construction of Cambridge Street,	3,971 10	267 62	197 81	3,505 67
Construction of Canal Street....	5,310 75			5,310 75
Construction of Charlestown Street.....	16,701 64		1,949 81	14,751 83
Construction of Corinth Street....	723 38		169 67	553 71
Construction of Draper Street....	261 90		81 71	180 19
Construction of Esmond Street....	274 38		56 00	218 38
Construction of Fairfax Street....	139 24		30 78	108 46
Construction of Geneva Avenue....	1,328 70		62 57	1,266 13
Construction of Hancock Street..	1,578 63		227 51	1,351 12
Construction of Homes Avenue....	703 17		139 26	563 91
Construction of Lauriat Avenue....	12,195 42	224 51	3,752 49	8,218 42
Construction of Malvern Street....	549 66		259 23	290 43
Construction of Millet Street....	129 73		16 20	113 53
Construction of Normandy Street,	270 42		62 31	208 11
Construction of Norway Street....	42 67		13 75	28 92
Construction of Orkney Road....	470 77		77 30	393 47
Construction of Perkins Street....	1,011 61		52 87	958 74
Construction of Public Alley No. 415.....	18 99		2 05	16 94
Construction of Public Alley No. 424.....	9 38		2 28	7 10
Construction of Public Alley No. 426.....	25 82		6 29	19 53
Construction of Public Alley No. 427.....	22 22		5 43	16 79
Construction of Public Alley No. 428.....	19 74		4 81	14 93
Construction of Public Alley No. 429.....	12 80		4 90	7 90
Construction of Public Alley No. 438.....	38 58		8 85	29 73
Carried forward.....	\$133,370 67	\$778 41	\$11,485 01	\$121,107 25

	Balances Uncollected Jan. 31, 1911, and Additional.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$133,370 67	\$778 41	\$11,485 01	\$121,107 25
Highways, Making of.— <i>Cont.</i>				
Construction of Public Alley No. 443.....	71 95		10 22	61 73
Construction of Public Alley No. 706.....	57 21		13 11	44 10
Construction of St. Stephen Street..	107 04		26 03	81 01
Construction of Tremont Street...	1,155 68		213 82	941 86
Construction of Turner Street....	209 16		50 88	158 28
Construction of Westbourne Street.....	426 55		85 83	340 72
Construction of Wordsworth Street.....	587 19	36 16	146 50	404 53
Institutions:				
Almshouse, Charlestown.....	225 00			225 00
Boston Almshouse and Hospital..	91 65			91 65
Insane in State Institutions.....	1,784 49			1,784 49
Boston Insane Hospital.....	2,048 62			2,048 62
Rent Department:				
Fort Hill Wharf.....	100 00			100 00
Public Grounds.....	25 00			25 00
Public Lands.....	12 00			12 00
School Instructors.....	59 96			59 96
Public Works Department:				
Paving Service:				
General Revenue.....	1,208 60	40 35		1,168 25
Appropriation, Labor, etc.....	192 90	192 90		
Sewer Service:				
Assessments.....	28 37	28 37		
Sewerage Works.....	14,698 00	691 82	2,890 44	11,115 74
Street Cleaning Division.....	242 58			242 58
Taxes, 1903.....	14,300 78	7,065 52	37 00	7,198 26
Water Service:				
Miscellaneous.....	1,264 39			1,264 39
Water Rates, 1904.....	780 30			780 30
	\$173,048 09	\$8,833 53	\$14,958 84	\$149,255 72

Balances of 1902-1903 Accounts.

	Balances Uncollected Jan. 31, 1911, and Additional.	Abated.	Collected.	Uncollected Jan. 31, 1912.
Betterments, Blue Hill and other Avenues: Columbus Avenue....	\$53,287 63	\$142 14	\$3,495 39	\$49,650 10
County of Suffolk:				
House of Correction, South Boston:				
Regular.....	18 87			18 87
M. & M.....	500 00			500 00
House of Correction, Deer Island:				
Regular.....	48 78			48 78
Industries.....	Cr. 577 79			Cr. 577 79
Edgestones.....	51 00			51 00
*Highways, Making of:				
Construction of Albany and Northampton Streets.....	120 25		29 25	91 00
Construction of Alexander Street,	878 89		203 26	675 63
Construction of Amory Street...	1,070 67	217 52	718 91	134 24
Construction of Annabel Street..	1,344 75		389 55	955 20
Construction of Ashley Street...	340 29		26 58	313 71
Construction of Barrington Street,	354 39		71 44	282 95
Construction of Callender Street..	1,929 13		345 59	1,583 54
Construction of Carlow Street...	174 34		41 17	133 17
Construction of Congreve Street..	1,016 06		255 45	760 61
Construction of Conrad Street...	167 25		37 62	129 63
Construction of Custer Street...	432 78		132 89	299 89
Construction of Devon Street...	1,197 75		255 54	942 21
Construction of Dixfield Street...	144 32		43 60	100 72
Construction of Echo Street.....	52 63		12 79	39 84
Construction of Edison Green...	622 38		209 59	412 79
Construction of Edwin Street...	660 78		212 93	447 85
Construction of Elizabeth Street,	50 41		12 26	38 15
Construction of Florida Street...	138 04		31 96	106 08
Construction of Forest Hills Street.....	482 31		179 24	303 07
Construction of Fowler Street...	871 82		239 40	632 42
Construction of Francis Street...	6,518 30		227 01	6,291 29
Construction of Gainsborough Street.....	286 11			286 11
Construction of Greenbrier Street,	662 47		124 95	537 52
Construction of Leeds Street...	280 23		40 42	239 81
Construction of Leonard Street...	217 08		193 36	23 72
Construction of Middleton Street,	275 04		38 30	236 74
Construction of Nightingale Street.....	664 71		324 13	340 58
Construction of North Harvard Street.....	1,295 41		614 26	681 15
Construction of Nottingham Street.....	165 32		20 87	144 45
Carried forward.....	\$75,742 40	\$359 66	\$8,527 71	\$66,855 03

	Balances Uncollected Jan. 31, 1911, and Additional.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$75,742 40	\$359 66	\$8,527 71	\$66,855 03
Highways, Making of.— <i>Cont.</i>				
Construction of Oakview Terrace,	711 10		277 64	433 46
Construction of Peverell Street..	93 50			93 50
Construction of Public Alley No. 102.....	67 06		21 52	45 54
Construction of Public Alley No. 401.....	209 09		49 86	159 23
Construction of Public Alley No. 402.....	196 21		57 12	139 09
Construction of Public Alley No. 414.....	49 16		11 82	37 34
Construction of Public Alley No. 416.....	100 23		23 04	77 19
Construction of Public Alley No. 417.....	22 51		5 81	16 70
Construction of Public Alley No. 430.....	34 64		8 44	26 20
Construction of Public Alley No. 432.....	9 57		7 83	1 74
Construction of Public Alley No. 433.....	160 00		2 23	157 77
Construction of Public Alley No. 434.....	281 90		37 33	244 57
Construction of Public Alley No. 435.....	139 75		5 78	133 97
Construction of Public Alley No. 436.....	210 31		4 86	205 45
Construction of Public Alley No. 439.....	156 04		6 34	149 70
Construction of Public Alley No. 440.....	232 98		14 00	218 98
Construction of Public Alley No. 442.....	84 90		34 57	50 33
Construction of Public Alley No. 905.....	6 02		1 46	4 56
Construction of Rockford Street..	141 53		19 95	121 58
Construction of Rozella Street...	595 28		125 24	470 04
Construction of Ruggles Street...	403 44		98 14	305 30
Construction of Shafter Street...	313 25		53 77	259 48
Construction of Shepton Street..	5,301 81	3,841 15	1,460 65	01
Construction of Shirley Street...	2,757 82		33 63	2,724 19
Construction of Spencer Street...	360 64		37 81	322 83
Construction of Stanley Street...	704 81		63 31	641 50
Construction of Storer Street...	36 18		10 37	25 81
Construction of Stratford Street...	564 46		71 14	493 32
Construction of Templeton Street,	541 80		90 24	451 56
Construction of Thane Street....	631 99		50 40	581 59
Construction of Trinity Place....	945 82			945 82
Construction of Van Winkle Street.....	811 07		244 02	567 05
Construction of Wainwright Street.....	1,264 43		113 92	1,150 51
<i>Carried forward</i>	\$93,881 70	\$4,200 81	\$11,569 95	\$78,110 94

	Balances Uncollected Jan. 31, 1911, and Additional.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$93,881 70	\$4,200 81	\$11,569 95	\$78,110 94
Highways, Making of.— <i>Cont.</i>				
Construction of Waldeck Street..	1,239 50	.....	325 35	914 15
Construction of Warner Street...	619 93	.....	103 17	516 76
Construction of Wensley Street..	394 68	.....	76 42	318 26
Construction of Woodcliff Street..	297 62	.....	85 39	212 23
Institutions:				
Almshouse, Charlestown.....	277 57	.....	.....	277 57
Boston Almshouse and Hospital..	6 65	.....	.....	6 65
House of Reformation.....	175 00	.....	.....	175 00
Insane in State Institutions.....	2,312 83	.....	.....	2,312 83
Boston Insane Hospital.....	2,370 78	.....	.....	2,370 78
Rent Department:				
Fire Department.....	750 00	.....	.....	750 00
Fort Hill Wharf.....	95 00	.....	.....	95 00
Smallpox Hospital.....	150 00	.....	.....	150 00
School Committee:				
School Instructors.....	94 81	.....	.....	94 81
Public Works Department:				
Paving Service:				
General Revenue.....	740 76	.....	.....	740 76
Appropriation, Labor, etc.....	262 25	215 23	47 02	
Sewerage Works.....	21,376 18	10,071 75	2,338 28	8,966 15
Street Cleaning Service.....	25 50	.....	.....	25 50
Taxes, 1902.....	8,776 61	5,286 63	12 38	3,477 60
Water Service:				
Miscellaneous.....	7,108 30	.....	.....	7,108 30
Water Rates, 1903.....	30 00	.....	.....	30 00
	\$140,985 67	\$19,774 42	\$14,557 96	\$106,653 29

Balances of 1901-1902 Accounts.

	Balances Uncollected Jan. 31, 1911.	Abated.	Collected.	Uncollected Jan. 31, 1912.
County of Suffolk:				
House of Correction, Deer Island:				
Regular.....	\$105 15			\$105 15
Highways, Making of:				
Construction of Aberdeen Street..	694 63		\$181 36	513 27
Construction of Astor Street.....	62 89	\$28 65	17 12	17 12
Construction of Belmore Terrace,	86 46			86 46
Construction of Chiswick Road...	327 54		27 11	300 43
Construction of Dresden Street...	97 56		35 96	61 60
Construction of Dunford Street...	96 80		37 86	58 94
Construction of Fowler Street....	Cr. 87 49			Cr. 87 49
Construction of Montague Street...	218 91		69 86	149 05
Construction of Newburg Street..	691 75		162 62	529 13
Construction of Public Alley No. 702.....	269 16			269 16
Construction of Public Alley No. 703.....	441 27		4 80	436 47
Construction of Seaborn Street...	392 75	157 39	98 01	137 35
Construction of Spencer Street...	180 15		94 78	85 37
Institutions:				
Boston Almshouse and Hospital..	22 06			22 06
Insane in State Institutions.....	986 46			986 46
Boston Insane Hospital.....	3,808 73			3,808 73
Rent Department:				
Rents, Public Buildings.....	100 00			100 00
Fort Hill Wharf.....	200 00			200 00
School Instructors.....	337 34			337 34
Public Works:				
Paving Service:				
General Revenue.....	348 63			348 63
Appropriation, Labor, etc.....	281 03	281 03		
Street Improvement, Summer, Washington to Federal Street,	1,728 35	1,728 35		
Sewer Service.....	375 83			375 83
Sewerage Works.....	14,836 76	57 00	3,681 25	11,098 51
Street Cleaning Service.....	81 75			81 75
Taxes, 1901.....	3,744 25	1,486 29	4 40	2,253 56
Water Service:				
Miscellaneous.....	1,707 20			1,707 20
	\$32,135 92	\$3,738 71	\$4,415 13	\$23,982 08

Balances of 1900-1901 Accounts.

	Balances Uncollected Jan. 31, 1911.	Abated.	Collected.	Uncollected Jan. 31, 1912.
Betterments:				
South Union Station.....	\$58,157 07			\$58,157 07
County of Suffolk:				
House of Correction, South Boston:				
Regular.....	194 68			194 68
House of Correction, Deer Island:				
Regular.....	54 21	\$54 21		
Industries.....	8 55	8 55		
Edgestones.....	20 50	20 50		
Highways, Making of:				
Construction of Andrews Street...	94 65	38 05	\$28 30	28 30
Construction of Athelwold Street...	2,537 84	166 83	69 74	2,301 27
Construction of Atherstone Street...	140 41		24 82	115 59
Construction of Bernard Street...	101 88		49 15	52 73
Construction of Carlos Street...	59 73	22 13	21 32	16 28
Construction of Chamberlain Street.....	406 11	96 91	10 32	298 88
Construction of Chester Street...	730 56	196 66	86 95	446 95
Construction of Clinton Street...	844 26			844 26
Construction of Fairmount Street...	165 42	118 90	46 52	
Construction of Harold Street...	199 52		36 90	162 62
Construction of Hewins Street....	44 83	19 13	8 50	17 20
Construction of Hubbard Street..	175 79	121 75	87 40	Cr. 33 36
Construction of Idaho Street....	117 05		43 10	73 95
Construction of Leedsville Street...	76 06		16 43	59 63
Construction of Leroy Street....	127 56	103 78	23 78	
Construction of Lonsdale Street..	230 94		65 85	165 09
Construction of Maryland Street...	228 78	10 78	41 15	176 85
Construction of Mellen Street....	19 97	7 78	12 19	
Construction of Merlin Street....	75 52	53 04	14 15	8 33
Construction of Public Alley No. 101.....	13 84	7 27	6 57	
Construction of Public Alley No. 403.....	112 99	40 35	36 02	36 62
Construction of Public Alley No. 404.....	612 44		31 20	581 24
Construction of Public Alley No. 419.....	23 07		12 83	10 24
Construction of Public Alley No. 420.....	Cr. 85		20	Cr. 1 05
Construction of Public Alley No. 431.....	42 73		4 76	37 97
Construction of Public Alley No. 437.....	28 41	12 71	17 92	Cr. 2 22
Construction of Public Alley No. 701.....	178 71	73 68	66 13	38 90
Carried forward.....	\$65,823 23	\$1,173 01	\$862 20	\$63,788 02

	Balances Uncollected Jan. 31, 1911.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$65,823 23	\$1,173 01	\$862 20	\$63,788 02
Highways, Making of.— <i>Cont.</i>				
Construction of Public Alley No. 2001.....	14 57	14 57		
Construction of Rosseter Street..	21 62	21 62		
Construction of Telford Street...	10 62	10 32		30
Construction of Waterlow Street,	57 29	57 29		
Construction of Woodlawn Street,	369 72		124 96	244 76
Institutions:				
Almshouse, Charlestown.....	137 28			137 28
Boston Almshouse and Hospital..	68 81			68 81
House of Reformation.....	27 00			27 00
Insane in State Institutions.....	1,216 43			1,216 43
Steamer "J. Putnam Bradlee"...	25 00			25 00
Boston Insane Hospital.....	2,617 31			2,617 31
Public Buildings:				
Repairs Division.....	580 19			580 19
Rent Department:				
Fort Hill Wharf.....	416 66			416 66
School Committee:				
School Instructors.....	56 99			56 99
Public Works:				
Bridge Division.....	40 00			40 00
Paving Division:				
General Revenue.....	222 31			222 31
Appropriation, Labor, etc.....	118 40	118 40		
Sewerage Works.....	24,852 72	1,797 00	4,160 04	18,895 68
Street Cleaning Division.....	140 13			140 13
Watering Division Tax, 1900.....	47 24			47 24
Taxes, 1900.....	1,720 13	661 64		1,058 49
Water Service:				
Miscellaneous.....	2,008 76			2,008 76
Lamp Department.....	40 00			40 00
	\$100,632 41	\$3,853 85	\$5,147 20	\$91,631 36

Balances of 1899-1900 Accounts.

	Balances Uncollected Jan. 31, 1911.	Abated.	Collected.	Uncollected Jan. 31, 1912.
County of Suffolk:				
House of Correction, Deer Island:				
Regular.....	\$348 86			\$348 86
Industries.....	20 68			20 68
Edgestones.....	58 04			58 04
Fire Department.....	50 00			50 00
Gibson School Fund.....	2,529 64			2,529 64
Highways, Making of:				
Construction of Chamblet Street,	Cr. 6 00	\$16 84	\$5 33	Cr. 28 17
Construction of Gaylord Street...	17 47	17 47		
Construction of Morse Street....	7 96	7 96		
Construction of Oakley Street....	148 59	41 62	83 17	23 80
Construction of T o n a w a n d a Street.....	669 78		107 12	562 66
Institutions:				
Almshouse, Charlestown.....	121 86			121 86
Boston Almshouse and Hospital..	199 99			199 99
House of Reformation.....	189 80			189 80
Insane in State Institutions.....	681 77			681 77
Placing-Out Department.....	50 80			50 80
Steamer "J. Putnam Bradlee"....	87 50			87 50
Boston Insane Hospital.....	4,831 93			4,831 93
Lamp Department.....	67 48			67 48
Public Buildings:				
Electrical Division.....	220 00			220 00
Repairs Division.....	5 61			5 61
Rent Department:				
Bridge Division.....	400 00			400 00
Fort Hill Wharf.....	500 00			500 00
School Committee:				
School Instructors.....	42 60			42 60
Public Works:				
Paving Service.....	677 68	677 68		
Sewer Service.....	239 73	147 60		92 13
Street Cleaning Service.....	58 50			58 50
Watering Division Tax, 1899....	Cr. 263 54			Cr. 263 54
Taxes, 1899.....	2,838 19	303 54		2,534 65
Water Service:				
Miscellaneous.....	2,474 92			2,474 92
Sewerage Works.....	10,480 16	1,737 58	786 52	7,956 06
	\$27,750 00	\$2,950 29	\$982 14	\$23,817 57

Balances of 1898-1899 Accounts.

	Balances Uncollected Jan. 31, 1911.	Abated.	Collected.	Uncollected Jan. 31, 1912.
Building Department.....	\$196 35			\$196 35
County of Suffolk:				
House of Correction, South Boston.....	20 46			20 46
House of Correction, Deer Island:				
Regular.....	208 54			208 54
Industries.....	27 48			27 48
Fire Department.....	50 00			50 00
Highways, Making of:				
Sewer Assessments.....	9,258 18	\$2,596 95	\$99 67	6,561 56
Construction of Bloomfield Street,	23 52	11 93	7 04	4 55
Construction of Brighton Avenue,	600 00			600 00
Construction of Ellet Street.....	18 90			18 90
Construction of St. Alphonsus Street.....	19 47		19 47	
Construction of Wilder Street....	4,894 95	499 61		4,395 34
Institutions:				
Almshouse, Charlestown.....	258 35			258 35
Boston Almshouse and Hospital..	140 13			140 13
Insane Hospital, Austin Farm...	482 69			482 69
Insane Hospital, Pierce Farm.....	726 35			726 35
Insane in State Institutions.....	575 79			575 79
Rent Department:				
Bridge Service.....	75 00			75 00
Smallpox Hospital.....	75 00			75 00
School Instructors.....	194 85			194 85
Public Works:				
Ferry Service.....	10 00			10 00
Paving Service:				
General Revenue.....	121 45	121 45		
Repairs to Streets.....	1,490 15	1,490 15		
Blue Hill and other Avenues...	118 49			118 49
Sewer Service.....	25 00			25 00
Sewers, Blue Hill and other Avenues.....	15,928 41			15,928 41
Street Cleaning Service.....	1 50			1 50
Watering Division, Tax, 1898....	64 28			64 28
Taxes, 1898.....	3,863 80	1,238 96		2,624 84
Water Service:				
Miscellaneous.....	4,837 34			4,837 34
Wire Department.....	197 50			197 50
	\$44,503 93	\$5,959 05	\$126 18	\$38,418 70

Balances of 1897-1898 Accounts.

	Balances Uncollected Jan. 31, 1911.	Abated.	Collected.	Uncollected Jan. 31, 1912.
Building Department.....	\$522 97			\$522 97
County of Suffolk:				
House of Correction, South Boston.....	21 20			21 20
House of Correction, Deer Island,	1,826 82			1,826 82
Fire Department.....	40 00			40 00
Highways, Making of:				
Sewer Assessment.....	2,081 28	\$1,569 33	\$26 87	485 08
Construction of Josephine Street..	229 02			229 02
Institutions:				
Almshouse, Charlestown.....	203 72			203 72
Boston Almshouse and Hospital..	406 43			406 43
House of Reformation.....	830 05			830 05
Insane Hospital, Austin Farm...	927 07			927 07
Insane Hospital, Pierce Farm....	1,163 06			1,163 06
Marcella Street Home.....	77 57			77 57
Pauper Expenses.....	883 84			883 84
Rent Department:				
Bridge Service.....	12 50			12 50
Gibson School Fund Income	55 00			55 00
Smallpox Hospital.....	225 00			225 00
Fort Hill Wharf.....	250 00			250 00
School Instructors.....	342 38			342 38
Public Works:				
Bridge Service.....	39 00			39 00
Paving Service.....	155 82	155 82		
Sewer Service.....	57 01	57 01		
Sewers, Brighton.....	80 76			80 76
Street Cleaning Service.....	70 50			70 50
Taxes, 1897.....	1,976 60	728 00		1,248 60
Water Service:				
Miscellaneous.....	5,770 28			5,770 28
Wire Department.....	25 00			25 00
	\$18,272 88	\$2,510 16	\$26 87	\$15,735 85

Balances of 1896-1897 Accounts.

	Balances Uncollected Jan. 31, 1911.	Abated.	Collected.	Uncollected Jan. 31, 1912.
Building Department.....	\$35 09			\$35 09
County of Suffolk:				
House of Correction, South Boston.....	34 97			34 97
House of Correction, Deer Island,	1,192 13			1,192 13
Highways, Making of:				
Sewer Assessments.....	14,368 26	\$4,115 33	\$71 32	10,181 61
Construction of Norway Street...	112 47			112 47
Institutions:				
Almshouse, Charlestown.....	104 57			104 57
Boston Almshouse and Hospital..	318 45			318 45
House of Industry.....	35 72			35 72
House of Reformation.....	223 25			223 25
Insane Hospital, Austin Farm...	801 97			801 97
Insane Hospital, Pierce Farm....	1,661 40			1,661 40
Marcella Street Home.....	31 14			31 14
Pauper Expenses.....	823 38			823 38
Rent Department:				
Cochituate Division.....	18 00			18 00
Gibson School Fund Income.....	75 00			75 00
Public Buildings.....	725 00			725 00
Rents, Public Buildings.....	37 50			37 50
School Instructors.....	102 88			102 88
Public Works Department:				
Paving Service.....	517 36	3 68		513 68
Street Cleaning Service.....	103 63			103 63
Taxes, 1896.....	627 04	135 45		491 59
Water Service:				
Miscellaneous.....	114 08			114 08
Mystic Division:				
Miscellaneous.....	137 51			137 51
	\$22,200 80	\$4,254 46	\$71 32	\$17,875 02

Balances of 1895-1896 Accounts.

	Balances Uncollected Jan. 31, 1911.	Abated.	Collected.	Uncollected Jan. 31, 1912.
Building Department.....	\$183 62			\$183 62
Highways, Making of:				
Sewer Assessments.....	17,111 16	\$3,493 25	\$22 68	13,595 23
Construction of Ivy Street.....	2,348 50			2,348 50
Construction of Mountfort Street..	1,733 57			1,733 57
Construction of Newbury Street..	14 80		14 80	
Institutions:				
Boston Almshouse and Hospital..	102 00			102 00
Home for Paupers, Rainsford and Long Islands.....	5 10			5 10
House of Industry.....	40 00			40 00
Insane Hospital, Austin Farm...	374 55			374 55
Insane Hospital, Pierce Farm....	498 19			498 19
Lunatic Hospital.....	412 80			412 80
Pauper Expenses.....	1,279 11			1,279 11
Rent Department:				
Cochituate Division.....	50 00			50 00
Public Buildings.....	575 00			575 00
Public Works Department:				
Paving Service.....	133 15	133 15		
Street Cleaning Service.....	94 00			94 00
Sewer Service.....	301 25			301 25
Water Service:				
Miscellaneous.....	247 51			247 51
Taxes, 1895.....	Cr. 4 08			Cr. 4 08
	\$25,500 23	\$3,626 40	\$37 48	\$21,836 35

Balances of 1894-1895 Accounts.

	Balances Uncollected Jan. 31, 1911.	Abated.	Collected.	Uncollected Jan. 31, 1912.
Betterments:				
Harrison Avenue.....	\$472 00			\$472 00
Street Department:				
Highways, Making of:				
Sidewalk Assessment.....	19 52	\$19 52		
Sewer Assessments.....	7,575 71	3,099 25	\$63 42	4,413 04
	\$8,067 23	\$3,118 77	\$63 42	\$4,885 04

Balances of 1893-1894 Accounts.

	Balances Uncollected Jan. 31, 1911.	Abated.	Collected.	Uncollected Jan. 31, 1912.
Highways, Making of:				
Sidewalk Assessments.....	\$215 67	\$215 67		
Sewer Assessments.....	3,948 51	1,937 31	\$648 38	\$1,362 82
Public Works Department:				
Sewer Service.....	509 57	44 78		464 79
	\$4,673 75	\$2,197 76	\$648 38	\$1,827 61

Balances of 1892-1893 Accounts.

	Balances Uncollected Jan. 31, 1911.	Abated.	Collected.	Uncollected Jan. 31, 1912.
Highways, Making of:				
Sidewalk Assessments.....	\$2,561 04	\$2,557 14	\$36 38	Cr. \$32 48
Sewer Assessments.....	3,546 78	2,801 70	6 75	738 33
	\$6,107 82	\$5,358 84	\$43 13	\$705 85

Recapitulation.

	Balances Outstanding Jan. 31, 1911, and Accounts Committed from Feb. 1, 1911, to Jan. 31, 1912.	Abated.	Collected.	Uncollected Jan. 31, 1912.
Abolishment of Grade Crossings.....	\$7,661 41		\$7,649 41	\$12 00
Bath Department.....	23,414 16		23,414 16	
Belgrade Avenue.....	7,094 17	\$10 50	1,561 48	5,522 19
Betterments.....	194,814 10	328 44	7,052 63	187,433 03
Building Department.....	2,460 52		89 40	2,371 12
Charles River Embankment.....	212,776 42		172,066 49	40,709 93
City Clerk Department....	223 61		223 61	
City Documents.....	28 00		28 00	
City Record.....	9,392 65	3 60	8,903 65	485 40
County of Suffolk.....	51,068 04	3,617 03	37,373 28	10,077 73
Dorchester Street.....	5,837 04		491 68	5,345 36
Election Department.....	1,202 54		1,202 54	
Fire Department.....	8,825 56		8,330 82	494 74
Sale of Fireboat Engine No. 30.....	2,555 00		2,555 00	
Gibson School Fund.....	6,829 64		4,300 00	2,529 64
Health Department.....	2,605 62		1,052 05	1,553 57
Quarantine.....	12,855 50	971 25	11,266 75	617 50
Highways, Making of....	900 00		900 00	
Sidewalk Assessments....	2,796 23	2,792 33	36 38	Cr. 32 48
Sewer Assessments.....	62,503 12	19,673 28	1,656 35	41,173 49
Construction of Aberdeen Street.....	694 63		181 36	513 27
Construction of Ainsley Street.....	320 15		38 25	281 90
Construction of Albany and Northampton Streets.....	120 25		29 25	91 00
Construction of Alexander Street.....	878 89		203 26	675 63
Construction of Alford Street.....	3,609 54			3,609 54
Construction of Alpha Road.....	3,563 22		1,213 06	2,350 16
Construction of Alther Street.....	617 16		140 61	476 55
Construction of Amory Street.....	1,070 67	217 52	718 91	134 24
Construction of Andrews Street.....	94 65	38 05	28 30	28 30
Construction of Angell Street.....	238 15		43 20	194 95
Carried forward.....	\$27,050 64	\$27,652 00	\$292,749 88	\$306,648 76

	Balances Out- standing Jan. 31, 1911, and Accounts Committed from Feb. 1, 1911, to Jan. 31, 1912.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$27,050 64	\$27,652 00	\$292,749 88	\$306,648 76
Highways, Making of.— <i>Con.</i>				
Construction of Annabel Street.....	1,344 75	.....	389 55	955 20
Construction of Arcadia Park.....	637 32	.....	66 54	570 78
Construction of Ashland Street.....	309 95	.....	219 95	90 00
Construction of Ashley Street.....	340 29	.....	26 58	313 71
Construction of Aspinwall Road.....	2,016 27	.....	170 18	1,846 09
Construction of Astor Street.....	62 89	28 65	17 12	17 12
Construction of Athelwold Street.....	2,537 84	166 83	69 74	2,301 27
Construction of Ather- stone Street.....	140 41	.....	24 82	115 59
Construction of Bakers- field Street.....	1,373 64	.....	112 23	1,261 41
Construction of Barring- ton Street.....	354 39	.....	71 44	282 95
Construction of Barry Street.....	554 68	.....	106 69	447 99
Construction of Bays- water Street.....	2,446 26	.....	211 04	2,235 22
Construction of Belfast Street.....	630 48	.....	268 77	361 71
Construction of Bellevue Street.....	2,044 29	364 42	429 03	1,250 84
Construction of Belmore Terrace.....	86 46	.....	.....	86 46
Construction of Belvidere Street.....	890 47	.....	213 24	677 23
Construction of Benning- ton Street.....	37,723 83	197 22	4,538 32	32,988 29
Construction of Benton Street.....	1,351 85	.....	752 32	599 53
Construction of Berkeley Street.....	93 56	84 11	1 89	7 56
Construction of Bernard Street.....	3,771 80	781 86	848 08	2,141 86
Construction of Bird Street.....	303 64	.....	24 80	278 84
Construction of Blanche Street.....	659 71	.....	100 71	559 00
Construction of Blandford Street.....	2,763 40	.....	87 51	2,675 89
Construction of Bloom- field Street.....	23 52	11 93	7 04	4 55
Construction of Boston Street.....	426 72	.....	115 24	311 48
<i>Carried forward</i>	\$689,939 06	\$29,287 02	\$301,622 71	\$359,029 33

	Balances Out- standing Jan. 31, 1911, and Accounts Committed from Feb. 1, 1911, to Jan. 31, 1912.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$689,939 06	\$29,287 02	\$301,622 71	\$359,029 33
Highways, Making of.— <i>Con.</i>				
Construction of Bowen Street.....	640 02		101 53	538 49
Construction of Boyden Street.....	446 93		51 81	395 12
Construction of Brackett Street.....	524 70		448 13	76 57
Construction of Bradshaw Street.....	238 34		23 53	214 81
Construction of Brighton Avenue.....	600 00			600 00
Construction of Brookline Avenue.....	3,887 74		1,036 23	2,851 51
Construction of Bruce Street.....	500 00		12 50	487 50
Construction of Burt Street.....	2,126 51	99 98	239 37	1,787 16
Construction of Bynner Street.....	150 83		21 83	129 00
Construction of Calder Street.....	265 00		7 50	257 50
Construction of Callender Street.....	1,929 13		345 59	1,583 54
Construction of Cam- bridge Street.....	3,971 10	267 62	197 81	3,505 67
Construction of Canal Street.....	5,310 75			5,310 75
Construction of Capen Street.....	998 63		182 77	815 86
Construction of Carlos Street.....	59 73	22 13	21 32	16 28
Construction of Carlow Street.....	174 34		41 17	133 17
Construction of Carmen Street.....	2,316 97		1,109 53	1,207 44
Construction of Carter Street.....	206 77	44 89	40 47	121 41
Construction of Chamber- lain Street.....	406 11	96 91	10 32	298 88
Construction of Chamblet Street.....	Cr. 6 00	16 84	5 33	Cr. 28 17
Construction of Charles- town Street.....	16,701 64		1,949 81	14,751 83
Construction of Charlotte Street.....	771 56		101 73	669 83
Construction of Chester Street.....	730 56	196 66	86 95	446 95
Construction of Chiswick Road.....	327 54		27 11	300 43
Construction of Clay- bourne Street.....	427 30		119 18	308 12
<i>Carried forward</i>	\$733,645 26	\$30,032 05	\$307,804 23	\$395,808 98

	Balances Outstanding Jan. 31, 1911, and Accounts Committed from Feb. 1, 1911, to Jan. 31, 1912.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward.</i>	\$733,645 26	\$30,032 05	\$307,804 23	\$395,808 98
Highways, Making of.— <i>Con.</i>				
Construction of Clement Avenue.....	475 01		57 33	417 68
Construction of Clinton Street.....	844 26			844 26
Construction of Columbia Road.....	163,867 08	2,435 30	15,023 44	146,408 34
Construction of Congreve Street.....	1,016 06		255 45	760 61
Construction of Conrad Street.....	167 25		37 62	129 63
Construction of Corinth Street.....	723 38		169 67	553 71
Construction of Corona Street.....	3,256 36		248 64	3,007 72
Construction of Cottage Street.....	1,654 56		33 06	1,621 50
Construction of Cottage Terrace.....	2,312 78		1,603 34	709 44
Construction of Cotton Street.....	2,883 25	77 49	466 84	2,338 92
Construction of Cummington Street.....	2,737 28	705 62	285 71	1,745 95
Construction of Custer Street.....	432 78		132 89	299 89
Construction of Dahlgren Street.....	463 49		25 48	438 01
Construction of Dakota Street.....	4,865 88	39 62	972 95	3,853 31
Construction of Darling Street.....	753 59		141 39	612 20
Construction of Davenport Street.....	226 73		86 53	140 20
Construction of Davitt Street.....	1,190 19		95 33	1,094 86
Construction of Dayton Street.....	913 07		150 00	763 07
Construction of Devon Street.....	1,197 75		255 54	942 21
Construction of Dilworth Street.....	712 01		371 34	340 67
Construction of Dixfield Street.....	144 32		43 60	100 72
Construction of Doris Street.....	512 26		409 30	102 96
Construction of Draper Street.....	261 90		81 71	180 19
Construction of Dresden Street.....	97 56		35 96	61 60
Construction of Dunford Street.....	96 80		37 86	58 94
<i>Carried forward.</i>	\$925,450 86	\$33,290 08	\$328,825 21	\$563,335 57

	Balances Outstanding Jan. 31, 1911, and Accounts Committed from Feb. 1, 1911, to Jan. 31, 1912.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$925,450 86	\$33,290 08	\$328,825 21	\$563,335 57
Highways, Making of.— <i>Con</i>				
Construction of Dunreath Street.....	111 64		18 60	93 04
Construction of Echo Street.....	52 63		12 79	39 84
Construction of Edison Green.....	622 38		209 59	412 79
Construction of Edwin Street.....	660 78		212 93	447 85
Construction of Elizabeth Street.....	50 41		12 26	38 15
Construction of Ellet Street.....	18 90			18 90
Construction of Elmont Street.....	802 62		175 85	626 77
Construction of Esmond Street.....	274 38		56 00	218 38
Construction of Everdean Street.....	2,682 59	104 99	327 92	2,249 68
Construction of Evergreen Street.....	3,596 41		398 14	3,198 27
Construction of Fairfax Street.....	139 24		30 78	108 46
Construction of Fairmount Street.....	165 42	118 90	46 52	
Construction of Farquhar Street.....	3,017 72		126 49	2,891 23
Construction of Fayston Street.....	277 26		23 71	253 55
Construction of Fenwood Road.....	1,591 61	25 00	264 78	1,301 83
Construction of Fletcher Street.....	5,574 44		1,514 58	4,059 86
Construction of Florida Street.....	1,684 31		355 68	1,328 63
Construction of Forest Hills Street.....	482 31		179 24	303 07
Construction of Fottler Road.....	445 11		19 14	425 97
Construction of Fowler Street.....	784 33		239 40	544 93
Construction of Francis Street.....	6,518 30		227 01	6,291 29
Construction of Frankfort Street.....	1,867 77		115 77	1,752 00
Construction of Gainsborough Street.....	286 11			286 11
Construction of Gaylord Street.....	17 47	17 47		
Construction of Geneva Avenue.....	1,328 70		62 57	1,266 13
<i>Carried forward</i>	\$958,503 70	\$33,556 44	\$333,454 96	\$591,492 30

	Balances Outstanding Jan. 31, 1911, and Accounts Committed from Feb. 1, 1911, to Jan. 31, 1912.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$958,503 70	\$33,556 44	\$333,454 96	\$591,492 30
Highways, Making of.— <i>Con.</i>				
Construction of Gibson Street.....	1,605 77	305 62	73 96	1,226 19
Construction of Greenbrier Street.....	662 47		124 95	537 52
Construction of Hale Street.....	1,393 55		278 06	1,115 49
Construction of Hamblen Street.....	28 80			28 80
Construction of Hamilton Street.....	157 75			157 75
Construction of Hancock Street.....	1,578 63		227 51	1,351 12
Construction of Harlem Street.....	518 05		137 38	380 67
Construction of Harold Street.....	199 52		36 90	162 62
Construction of Haverford Street.....	376 90		75 90	301 00
Construction of Hewins Street.....	44 83	19 13	8 50	17 20
Construction of Hinckley Street.....	57 36		8 06	49 30
Construction of Hobson Street.....	3,247 16		1,153 73	2,093 43
Construction of Homes Avenue.....	703 17		139 26	563 91
Construction of Howe Street.....	2,317 88		91 75	2,226 13
Construction of Hubbard Street.....	175 79	121 75	87 40	<i>Cr.</i> 33 36
Construction of Idaho Street.....	117 05		43 10	73 95
Construction of Ivy Street.....	2,348 50			2,348 50
Construction of Jersey Street.....	2,833 41		2,833 41	
Construction of Josephine Street.....	229 02			229 02
Construction of Kempton Street.....	1,704 30		29 52	1,674 78
Construction of Kerwin Street.....	1,138 63		144 32	994 31
Construction of Kilton Street.....	1,341 18		309 07	1,032 11
Construction of Kingsdale Street.....	1,613 09			1,613 09
Construction of Larchmont Street.....	2,509 66		560 51	1,949 15
Construction of Larkin Street.....	1,666 12	73 00	308 56	1,284 56
<i>Carried forward</i>	\$987,072 29	\$34,075 94	\$340,126 81	\$612,869 54

	Balances Outstanding Jan. 31, 1911, and Accounts Committed from Feb. 1, 1911, to Jan. 31, 1912.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$987,072 29	\$34,075 94	\$340,126 81	\$612,869 54
Highways, Making of.— <i>Con.</i>				
Construction of Lauriat Avenue.....	12,195 42	224 51	3,752 49	8,218 42
Construction of Leeds Street.....	280 23		40 42	239 81
Construction of Leedsville Street.....	76 06		16 43	59 63
Construction of Leonard Street.....	217 08		193 36	23 72
Construction of Leroy Street.....	127 56	103 78	23 78	
Construction of Lindsey Street.....	784 52		123 76	660 76
Construction of Longfellow Street.....	2,800 11		416 67	2,383 44
Construction of Lonsdale Street.....	230 94		65 85	165 09
Construction of Lorraine Street.....	936 31		173 19	763 12
Construction of Mallet Street.....	2,684 14		314 50	2,369 64
Construction of Malvern Street.....	549 66		259 23	290 43
Construction of Mapleton Street.....	3,373 94		495 75	2,878 19
Construction of Marbury Terrace.....	1,341 47		325 90	1,015 57
Construction of Marmion Street.....	980 07		151 14	828 93
Construction of Maryland Street.....	228 78	10 78	41 15	176 85
Construction of Maybrook Street.....	916 02		430 16	485 86
Construction of Melbourne Street.....	2,207 69		37 56	2,170 13
Construction of Mellen Street.....	19 97	7 78	12 19	
Construction of Meredith Street.....	1,019 65		140 69	878 96
Construction of Merlin Street.....	75 52	53 04	14 15	8 33
Construction of Middleton Street.....	275 04		38 30	236 74
Construction of Millet Street.....	1,689 79		336 39	1,353 40
Construction of Milwood Street.....	1,556 58		270 81	1,285 77
Construction of Montague Street.....	218 91		69 86	149 05
Construction of Montfern Street.....	2,144 50		375 14	1,769 36
<i>Carried forward</i>	\$1,024,002 25	\$34,475 83	\$348,245 68	\$641,280 74

	Balances Outstanding Jan. 31, 1911, and Accounts Committed from Feb. 1, 1911, to Jan. 31, 1912.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$1,024,002 25	\$34,475 83	\$348,245 68	\$641,280 74
Highways, Making of.— <i>Con.</i>				
Construction of Morrill Street.....	155 71		37 41	118 30
Construction of Morse Street.....	7 96	7 96		
Construction of Moseley Street.....	675 21		155 56	519 65
Construction of Moultrie Street.....	2,891 69		327 87	2,563 82
Construction of Mountain Avenue.....	6,451 65		1,405 57	5,046 08
Construction of Mountfort Street.....	1,733 57			1,733 57
Construction of Newburg Street.....	691 75		162 62	529 13
Construction of Newbury Street.....	14 80		14 80	
Construction of Newcastle Road.....	2,988 43		610 96	2,377 47
Construction of Newland Street.....	153 10		40 90	112 20
Construction of Nightingale Street.....	664 71		324 13	340 58
Construction of Normandy Street.....	270 42		62 31	208 11
Construction of North Harvard Street.....	1,295 41		614 26	681 15
Construction of Norton Street.....	925 28		279 50	645 78
Construction of Norway Street.....	155 14		13 75	141 39
Construction of Nottingham Street.....	165 32		20 87	144 45
Construction of Oak Square Avenue.....	725 15		177 80	547 35
Construction of Oakley Street.....	148 59	41 62	83 17	23 80
Construction of Oakridge Street.....	987 50		137 50	850 00
Construction of Oakview Terrace.....	711 10		277 64	433 46
Construction of Oakwood Street.....	610 19	8 97	77 74	523 48
Construction of Orkney Road.....	470 77		77 30	393 47
Construction of Oswald Street.....	57 70		10 11	47 59
Construction of Parkview Street.....	967 76		84 15	883 61
Construction of Penhalow Street.....	1,130 91		487 89	643 02
<i>Carried forward</i>	\$1,049,052 07	\$34,534 38	\$353,729 49	\$660,788 20

	Balances Outstanding Jan. 31, 1911, and Accounts Committed from Feb. 1, 1911, to Jan. 31, 1912.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$1,049,052 07	\$34,534 38	\$353,729 49	\$660,788 20
Highways, Making of.— <i>Con.</i>				
Construction of Perkins Street.....	1,011 61		52 87	958 74
Construction of Peverell Street.....	93 50			93 50
Construction of Pomfret Street.....	1,403 96		176 82	1,227 14
Construction of Prescott Street.....	6,217 24			6,217 24
Construction of Primrose Street.....	1,720 37		195 77	1,524 60
Construction of Public Alley No. 12.....	70 00			70 00
Construction of Public Alleys Nos. 13, 14, 15..	544 67		71 17	473 50
Construction of Public Alley No. 101.....	13 84	7 27	6 57	
Construction of Public Alley No. 102.....	67 06		21 52	45 54
Construction of Public Alley No. 303.....	<i>Cr.</i> 6 12		3 30	<i>Cr.</i> 9 42
Construction of Public Alley No. 401.....	209 09		49 86	159 23
Construction of Public Alley No. 402.....	196 21		57 12	139 09
Construction of Public Alley No. 403.....	112 99	40 35	36 02	36 62
Construction of Public Alley No. 404.....	612 44		31 20	581 24
Construction of Public Alley No. 414.....	49 16		11 82	37 34
Construction of Public Alley No. 415.....	18 99		2 05	16 94
Construction of Public Alley No. 416.....	100 23		23 04	77 19
Construction of Public Alley No. 417.....	22 51		5 81	16 70
Construction of Public Alley No. 419.....	23 07		12 83	10 24
Construction of Public Alley No. 420.....	<i>Cr.</i> 85		20	<i>Cr.</i> 1 05
Construction of Public Alley No. 422.....	7 87	1 71	1 54	4 62
Construction of Public Alley No. 423.....	191 70	19 20		172 50
Construction of Public Alley No. 424.....	9 38		2 28	7 10
Construction of Public Alley No. 426.....	25 82		6 29	19 53
Construction of Public Alley No. 427.....	22 22		5 43	16 79
<i>Carried forward</i>	\$1,061,789 03	\$34,602 91	\$354,503 00	\$672,683 12

	Balances Out- standing Jan. 31, 1911, and Accounts Committed from Feb. 1, 1911, to Jan. 31, 1912.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward.....</i>	\$1,061,789 03	\$34,602 91	\$354,503 00	\$672,683 12
Highways, Making of.— <i>Con.</i>				
Construction of Public				
Alley No. 428.....	19 74		4 81	14 93
Construction of Public				
Alley No. 429.....	12 80		4 90	7 90
Construction of Public				
Alley No. 430.....	34 64		8 44	26 20
Construction of Public				
Alley No. 431.....	42 73		4 76	37 97
Construction of Public				
Alley No. 432.....	9 57		7 83	1 74
Construction of Public				
Alley No. 433.....	160 00		2 23	157 77
Construction of Public				
Alley No. 434.....	281 90		37 33	244 57
Construction of Public				
Alley No. 435.....	139 75		5 78	133 97
Construction of Public				
Alley No. 436.....	210 31		4 86	205 45
Construction of Public				
Alley No. 437.....	28 41	12 71	17 92	<i>Cr.</i> 2 22
Construction of Public				
Alley No. 438.....	38 58		8 85	29 73
Construction of Public				
Alley No. 439.....	156 04		6 34	149 70
Construction of Public				
Alley No. 440.....	232 98		14 00	218 98
Construction of Public				
Alley No. 441.....	233 92		38 31	195 61
Construction of Public				
Alley No. 442.....	84 90		34 57	50 33
Construction of Public				
Alley No. 443.....	71 95		10 22	61 73
Construction of Public				
Alley No. 444.....	766 80	76 70		690 10
Construction of Public				
Alley No. 502.....	67 93		43 53	24 40
Construction of Public				
Alley No. 503.....	132 68		5 51	127 17
Construction of Public				
Alley No. 701.....	178 71	73 68	66 13	38 90
Construction of Public				
Alley No. 702.....	269 16			269 16
Construction of Public				
Alley No. 703.....	441 27		4 80	436 47
Construction of Public				
Alley No. 706.....	57 21		13 11	44 10
Construction of Public				
Alley No. 804.....	481 35		121 14	360 21
Construction of Public				
Alley No. 901.....	643 06		106 15	536 91
<i>Carried forward.....</i>	\$1,066,585 42	\$34,766 00	\$355,074 52	\$676,744 90

	Balances Outstanding Jan. 31, 1911, and Accounts Committed from Feb. 1, 1911, to Jan. 31, 1912.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$1,066,585 42	\$34,766 00	\$355,074 52	\$676,744 90
Highways, Making of.— <i>Con.</i>				
Construction of Public Alley No. 905.....	6 02		1 46	4 56
Construction of Public Alley No. 2001.....	14 57	14 57		
Construction of Queensberry Street.....	34,703 95		19,652 77	15,051 18
Construction of Radeliffe Road.....	3,453 90		802 58	2,651 32
Construction of Ritchie Street.....	3,158 22			3,158 22
Construction of Robinwood Avenue.....	664 58		98 83	565 75
Construction of Rochdale Street.....	938 15			938 15
Construction of Rockford Street.....	141 53		19 95	121 58
Construction of Rockledge Street.....	731 95		50 31	681 64
Construction of Roland Street.....	369 67		45 18	324 49
Construction of Roseclair Street.....	2,309 99		76 02	2,233 97
Construction of Roseland Street.....	755 20		71 60	683 60
Construction of Rosemary Street.....	772 39		113 88	658 51
Construction of Rosemont Street.....	732 67		91 41	641 26
Construction of Rosseter Street.....	21 62	21 62		
Construction of Rowe Street.....	806 03		69 18	736 85
Construction of Rozella Street.....	595 28		125 24	470 04
Construction of Ruggles Street.....	403 44		98 14	305 30
Construction of Samoset Street.....	1,905 46		278 47	1,626 99
Construction of Seaborn Street.....	392 75	157 39	98 01	137 35
Construction of Seymour Street.....	2,401 34		89 31	2,312 03
Construction of Shafter Street.....	313 25		53 77	259 48
Construction of Shepton Street.....	5,301 81	3,841 15	1,460 65	01
Construction of Shirley Street.....	2,757 82		33 63	2,724 19
Construction of Snow Street.....	477 85	44 38	117 55	315 92
<i>Carried forward</i>	\$1,130,714 86	\$38,845 11	\$378,522 46	\$713,347 29

	Balances Outstanding Jan. 31, 1911, and Accounts Committed from Feb. 1, 1911, to Jan. 31, 1912.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$1,130,714 86	\$38,845 11	\$378,522 46	\$713,347 29
Highways, Making of.— <i>Con.</i>				
Construction of South Street.....	761 51		242 46	519 05
Construction of South Huntington Avenue...	2,844 67		1,108 16	1,736 51
Construction of Spalding Street.....	407 49		43 88	363 61
Construction of Speedwell Street.....	2,782 55		943 09	1,839 46
Construction of Spencer Street.....	540 79		132 59	408 20
Construction of St. Alphonsus Street.....	19 47		19 47	
Construction of St. Margaret Street.....	719 53		139 73	579 80
Construction of St. Stephen Street.....	107 04		26 03	81 01
Construction of Stanley Street.....	704 81		63 31	641 50
Construction of Stonehurst Street.....	2,523 69	25 00	671 14	1,827 55
Construction of Storer Street.....	36 18		10 37	25 81
Construction of Stratford Street.....	564 46		71 14	493 32
Construction of Sudan Street.....	2,657 53		360 19	2,297 34
Construction of Swallow Street.....	2,604 92		94 00	2,510 92
Construction of Telford Street.....	10 62	10 32		30
Construction of Templeton Street.....	541 80		90 24	451 56
Construction of Thane Street.....	631 99		50 40	581 59
Construction of Tonawanda Street.....	669 78		107 12	562 66
Construction of Torrey Street.....	522 24	8 83	98 94	414 47
Construction of Tower Street.....	743 39		232 84	510 55
Construction of Tremont Street.....	1,155 68		213 82	941 86
Construction of Trinity Place.....	945 82			945 82
Construction of Turner Street.....	209 16		50 88	158 28
Construction of Upham Avenue.....	1,255 22		913 33	341 89
Construction of Van Winkle Street.....	811 07		244 02	567 05
<i>Carried forward</i>	\$1,155,486 27	\$38,889 26	\$384,449 61	\$732,147 40

	Balances Outstanding Jan. 31, 1911, and Accounts Committed from Feb. 1, 1911, to Jan. 31, 1912.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$1,155,486 27	\$38,889 26	\$384,449 61	\$732,147 40
Highways, Making of.— <i>Con.</i>				
Construction of Vicksburg Street.....	256 68	56 32	48 04	152 32
Construction of Vinson Street.....	724 68		165 61	559 07
Construction of Wainwright Street.....	1,264 43		113 92	1,150 51
Construction of Waldeck Street.....	1,239 50		325 35	914 15
Construction of Walter Street.....	6,794 29		367 08	6,427 21
Construction of Walworth Street.....	2,807 81		118 28	2,689 53
Construction of Warner Street.....	619 93		103 17	516 76
Construction of Waterlow Street.....	57 29	57 29		
Construction of Wayland Street.....	559 04		154 53	404 51
Construction of Wellesley Park.....	5,095 45		1,707 53	3,387 92
Construction of Wensley Street.....	394 68		76 42	318 26
Construction of Westbourne Street.....	426 55		85 83	340 72
Construction of West Selden Street.....	5,063 44		1,150 81	3,912 63
Construction of West Tremlett Street.....	670 74		171 87	498 87
Construction of Wilder Street.....	4,894 95	499 61		4,395 34
Construction of Willowwood Street.....	4,079 87		883 14	3,196 73
Construction of Windermere Road.....	168 40		22 71	145 69
Construction of Winthrop Street.....	62 20		17 50	44 70
Construction of Woodcliff Street.....	297 62		85 39	212 23
Construction of Woodlawn Street.....	369 72		124 96	244 76
Construction of Wordsworth Street.....	587 19	36 16	146 50	404 53
Hospital Department.....	151,522 87	420 56	34,783 82	116,318 49
Consumptives' Hospital Department.....	16,359 96	30 00	1,680 64	14,649 32
Hyde Park Avenue.....	17,805 54	1,756 72	4,927 26	11,121 56
Institutions.....	58,359 54	144 56	12,022 63	46,192 35
Lamp Service.....	107 48			107 48
Library Department.....	8,272 96		8,272 96	
<i>Carried forward</i>	\$1,444,349 08	\$41,890 48	\$452,005 56	\$950,453 04

	Balances Out- standing Jan. 31, 1911, and Accounts Committed from Feb. 1, 1911, to Jan. 31, 1912.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$1,444,349 08	\$41,890 48	\$452,005 56	\$950,453 04
Licensing Board.....	21,725 99	529 00	21,196 99	
Liquor Licenses.....	1,299,964 07	15,358 65	1,284,266 36	339 06
Park Department.....	14,032 17		14,032 17	
Gypsy and Brown-tail Moth Suppression, 1906.....	47 67		19 92	27 75
Playground Improve- ments.....	550 00		550 00	
Police Department.....	6,557 85		5,982 60	575 25
Printing Department.....	214,595 92	1,669 32	203,722 54	9,204 06
Public Buildings.....	1,352 93		532 13	820 80
Public Grounds.....	1,250 78	23 68	1,047 99	179 11
Gypsy and Brown-tail Moth Suppression, 1907.....	97 07	10 85	54 64	31 58
Gypsy and Brown-tail Moth Suppression, 1908.....	347 45		157 16	190 29
Gypsy and Brown-tail Moth Suppression, 1909.....	1,435 29	29 20	1,310 51	95 58
Gypsy and Brown-tail Moth Suppression, 1910.....	2,749 51	12 19	1,255 48	1,481 84
Gypsy and Brown-tail Moth Suppression, 1911.....	9,926 77	35 48	6,784 52	3,106 77
Public Lands.....	5 00		5 00	
Rapid Transit, Boston Tun- nel and Subway.....	261,232 34		261,232 34	
Rapid Transit, Interest and Sinking Fund, East Bos- ton Tunnel.....	123,104 50		123,104 50	
Rapid Transit, Boston Tun- nel and Subway Sinking Fund.....	7,952 76		7,952 76	
Rapid Transit, Cambridge Connection.....	631 67		631 67	
Rapid Transit, Dorchester to South Boston.....	1,665 43		1,665 43	
Rapid Transit, Park Street to South Station.....	532 47		532 47	
Rent Department.....	844,909 67	01	801,894 41	43,015 25
Reserve Fund.....	774 85		774 85	
Sale of City Property.....	75,000 00		75,000 00	
School Committee Supplies, etc.....	14,527 83	60	14,246 40	280 83
Schoolhouse Department...	896 75		896 75	
Land and Buildings for Schools.....	1,413 75		1,413 75	
<i>Carried forward</i>	\$4,351,629 57	\$59,559 46	\$3,282,268 90	\$1,009,801 21

	Balances Out- standing Jan. 31, 1911, and Accounts Committed from Feb. 1, 1911, to Jan. 31, 1912.	Abated.	Collected.	Uncollected Jan. 31, 1912.
<i>Brought forward</i>	\$4,351,629 57	\$59,559 46	\$3,282,268 90	\$1,009,801 21
School Instructors.....	80,041 67	466 44	76,418 46	3,156 77
Public Works:				
Bridge Service.....	9,271 17		5,679 09	3,592 08
Paving Service.....	93,549 11	6,908 30	60,565 82	26,074 99
Ferry Service.....	103,961 66		102,775 10	1,186 56
Sanitary Service.....	70,511 15	39 55	64,703 65	5,767 95
Sewer Service.....	43,091 74	1,540 77	20,385 71	21,165 26
Sewerage Works.....	363,494 91	19,988 90	75,984 23	267,521 78
Street Cleaning Service..	1,497 83		451 25	1,046 58
Separate System of Drainage.....	59,122 17	697 72	14,069 70	44,354 75
Street Watering Taxes.....	Cr. 152 02			Cr. 152 02
Taxes.....	28,645,766 88	288,403 29	23,247,843 76	5,109,519 83
Bank Taxes.....	869,470 60		869,470 60	
Excise Tax, Street Railway, Taxes from Commonwealth:	85,086 49		85,086 49	
1910.....	4,920 00		4,920 00	
Water Service:				
Cochituate Division:				
Water Rates.....	3,729,861 24	61,079 41	2,729,523 26	939,258 57
Miscellaneous.....	119,140 16	2,280 67	61,684 38	55,175 11
Mystic Division:				
Miscellaneous.....	137 51			137 51
Town of Brookline.....	27 88		27 88	
Wire Department.....	3,998 00		3,301 50	696 50
Hyde Park:				
Taxes.....	117,747 54	43 20	28,746 29	88,958 05
School Instructors.....	616 38		616 38	
Street Assessments.....	2,452 27		248 00	2,204 27
Sewer Assessments.....	11,846 87		98 00	11,748 87
Paving Assessments.....	418 75		36 25	382 50
Water Rates.....	1,465 52		875 11	590 41
Water Service.....	5 35		2 25	3 10
Sanitary Service.....	83 79		83 79	
	\$38,769,064 19	\$441,007 71	\$30,735,865 85	\$7,592,190 63

The collection of a portion of the betterment and sewer assessments above reported as unpaid is delayed by suits brought against the city for reduction of the assessments. The cases now pending amount to:

Betterments.....	\$847 26
Sewers.....	1,265 00
And there are sewer and street assessments exempt, held in abeyance and postponed until entry has been made, amount- ing to.....	104,867 62
Total.....	<u>\$106,979 88</u>

The residue from sales of real estate for unpaid taxes remaining in the custody of the Collector January 31, 1912, was..... \$1,742 21

Dr. **General Summary, February 1, 1911, to January 31, 1912.** *Cr.*

To Uncollected Balance from 1910-1911..	\$7,447,791 72	By Amounts cash paid to City Treasurer, Feb. 1, 1911, to Jan. 31, 1912....	\$34,370,346 99
" New accounts committed Feb. 1, 1911, to Jan. 31, 1912.....	29,546,900 74	" Abatements on bills from Feb. 1, 1911, to Jan. 31, 1912...	441,007 71
" Additional bills on account of earlier years committed during the term Feb. 1, 1911, to Jan. 31, 1912....	1,774,371 73	Balance uncollected to new account, 1912-1913.....	7,592,190 63
" Amount of cash deposited Feb. 1, 1911, to Jan. 31, 1912.....	3,634,481 14		
	<u>\$42,403,545 33</u>		<u>\$42,403,545 33</u>

Table A.— Outstanding Taxes January 31, 1912.

Total amount of outstanding taxes, a large per cent of which are uncollectible owing to death, poverty, insolvency, emigration and other causes, dating from 1895 to January 31, 1912.....	\$5,109,519 83
Amount of Hyde Park taxes.....	88,958 05

\$51,198,477 88

Outstanding taxes for 1911.....	\$2,901,986 12
Outstanding taxes for 1910.....	1,018,749 99
Outstanding taxes for Hyde Park, 1911.....	74,235 19
Outstanding taxes for Hyde Park, 1910.....	11,943 48

\$4,006,914 78

The assessment of taxes to defray the expenses of the City of Boston and County of Suffolk for the year ended January 31, 1912, less the revenue to be received from other sources, also to pay the state tax levied in the City of Boston, 1911, was:

Tax assessments, 1911, including supplementary bills.....	\$23,679,963 76
Bank tax, 1911.....	228,483 88

Total assessments..... \$23,908,447 64

Collection to January 31, 1912, inclusive.....	\$20,598,120 50
Bank tax received.....	228,483 88
Abatements.....	179,857 14
Outstanding.....	2,901,986 12

\$23,908,447 64

Total collections:	
Account of 1911 taxes.....	\$20,598,120 50
Account of bank tax, 1911.....	228,483 88
Account of 1910 and previous years.....	2,649,723 26
Account of Hyde Park.....	28,746 29

\$23,505,073 93

Table B.—Showing Percentage of Taxes Collected, Abated and Uncollected, not Including Bank Tax.

YEARS.	Per cent Collected.	Per cent Abated.	Per cent Un- collected.
1875-76 to January 31, 1876.....	83.77	1.02	15.21
1876-77 to January 31, 1877.....	84.23	1.09	14.68
1877-78 to January 31, 1878.....	85.71	1.11	13.18
1878-79 to January 31, 1879.....	85.12	1.20	13.68
1879-80 to January 31, 1880.....	85.81	1.08	13.11
1880-81 to January 31, 1881.....	86.87	.90	12.23
1881-82 to January 31, 1882.....	87.30	.69	12.01
1882-83 to January 31, 1883.....	86.64	.82	12.54
1883-84 to January 31, 1884.....	87.52	.98	11.50
1884-85 to January 31, 1885.....	87.17	.89	11.94
1885-86 to January 31, 1886.....	88.46	1.00	10.54
1886-87 to January 31, 1887.....	88.66	.81	10.53
1887-88 to January 31, 1888.....	87.82	.75	11.43
1888-89 to January 31, 1889.....	89.26	.72	10.02
1889-90 to January 31, 1890.....	88.71	.79	10.50
1890-91 to January 31, 1891.....	88.12	.72	11.16
1891-92 to January 31, 1892.....	88.88	.72	10.40
1892-93 to January 31, 1893.....	90.11	.83	9.06
1893-94 to January 31, 1894.....	88.10	.87	11.03
1894-95 to January 31, 1895.....	88.93	.79	10.28
1895-96 to January 31, 1896.....	87.90	.69	11.41
1896-97 to January 31, 1897.....	87.04	.72	12.24
1897-98 to January 31, 1898.....	87.10	.62	12.28
1898-99 to January 31, 1899.....	86.51	.63	12.86
1899-1900 to January 31, 1900.....	85.31	.65	14.04
1900-01 to January 31, 1901.....	86.06	.85	13.09
1901-02 to January 31, 1902.....	86.30	.71	12.99
1902-03 to January 31, 1903.....	85.75	.73	13.52
1903-04 to January 31, 1904.....	85.04	.77	14.18
1904-05 to January 31, 1905.....	85.018	.76	14.222
1905-06 to January 31, 1906.....	85.281	.69	14.05
1906-07 to January 31, 1907.....	86.086	.814	13.10
1907-08 to January 31, 1908.....	83.651	.765	15.584
1908-09 to January 31, 1909.....	85.617	.642	13.741
1909-10 to January 31, 1910.....	85.719	.561	13.72
1910-11 to January 31, 1911.....	85.777	.617	13.606
1911-12 to January 31, 1912.....	86.985	.760	12.255

Table C.—Statement Showing the Amounts Received from Licenses from February 1, 1911, to January 31, 1912.

Amusement.....	\$18,371 00
Auctioneers.....	368 25
Billiard tables.....	604 00
Bowling alleys.....	1,030 00
Common victualers.....	7,420 00
Dogs.....	26,596 00
Drivers of hackney carriages.....	761 50
Explosives.....	60 50
Firearms.....	220 00
Gas fitters.....	15 50
Grease.....	90 00
Hackney carriages.....	1,629 00
Hand-carts.....	84 00
Innholders.....	100 00
Intelligence offices.....	3,925 00
Itinerant musicians.....	123 30
Junk collectors.....	1,396 00
Junk-shop keepers.....	900 00
Licenses for storage and sale of merchandise in public streets.....	25,801 00
Liquor*.....	1,285,354 48
Manicure.....	707 00
Marriages.....	9,183 00
Milk and vinegar.....	2,438 55
Minors.....	901 75
Pawnbrokers.....	3,700 00
Peddlers.....	2,225 00
Pool and sippio tables.....	2,310 00
Powder boat.....	2 00
Powder and fireworks.....	101 50
Private detectives.....	200 00
Second-hand articles.....	2,060 00
Selling fruit on Lord's day.....	5,010 00
Small loans.....	350 00
Street railway motormen and conductors.....	705 50
Wagons.....	5,202 00
Total.....	\$1,409,945 83

* One-fourth paid to state.

Table D.—Statement Showing the Amounts that have been Assessed for State, City and County Taxes from 1875 to 1911, both Inclusive, and the Amounts Collected, Abated and Remaining Uncollected Thereon to January 31, 1912.

YEARS.	Collected.	Per cent Collected.	Abated.	Per cent Abated.	Uncollected.	Per cent Unpaid.	Amounts Assessed.
1875....	\$10,510,749 16	97.28	\$293,742 48	2.72	.....	.....	\$10,804,491 64
1876....	9,224,592 17	97.441	242,251 78	2.559	.....	.....	9,466,843 95
1877....	8,717,553 99	97.295	242,415 03	2.705	.....	.....	8,959,969 02
1878....	7,859,403 47	97.418	208,280 56	2.582	.....	.....	8,067,684 03
1879....	7,483,281 30	97.485	193,070 41	2.515	.....	.....	7,676,351 71
1880....	9,473,723 65	97.912	201,951 08	2.088	.....	.....	9,675,674 73
1881....	9,041,973 82	98.035	181,243 41	1.965	.....	.....	9,223,217 23
1882....	9,898,203 70	97.819	220,667 09	2.181	.....	.....	10,118,870 79
1883....	9,661,926 49	97.89	227,620 36	2.11	.....	.....	9,889,546 85
1884....	11,323,784 29	97.85	248,732 26	2.15	.....	.....	11,572,516 55
1885....	8,588,127 65	97.41	228,271 24	2.59	.....	.....	8,816,398 89
1886....	8,864,747 47	97.72	206,498 50	2.28	.....	.....	9,071,245 97
1887....	9,848,595 33	97.90	211,712 44	2.10	.....	.....	10,060,307 77
1888....	10,106,876 80	97.97	209,784 60	2.03	.....	.....	10,316,661 40
1889....	10,076,455 31	97.60	247,303 76	2.40	.....	.....	10,323,759 07
1890....	10,772,481 13	97.94	227,179 58	2.06	.....	.....	10,999,660 71
1891....	10,637,525 09	97.94	223,820 54	2.06	.....	.....	10,861,345 63
1892....	11,372,955 86	97.56	283,914 92	2.44	.....	.....	11,656,870 78
1893....	11,646,172 35	97.54	294,014 29	2.46	.....	.....	11,940,186 64
1894....	11,726,893 84	97.72	273,947 14	2.28	.....	.....	12,000,840 98
1895....	12,028,821 36	97.69	284,739 18	2.31	Cr. \$4 08	.....	12,313,556 46
1896....	12,504,131 13	97.551	313,566 77	2.446	491 59	.003	12,818,189 49
1897....	13,003,607 42	97.506	331,873 43	2.484	1,248 60	.01	13,336,729 45
1898....	13,912,246 83	97.527	350,265 74	2.463	2,624 84	.01	14,265,137 41
1899....	14,075,722 27	97.441	366,639 81	2.542	2,534 65	.017	14,444,896 73
1900....	16,354,602 23	97.48	421,956 76	2.514	1,058 49	.006	16,777,617 48
1901....	16,945,540 76	97.63	409,510 11	2.357	2,253 56	.013	17,357,304 43
1902....	17,376,488 84	97.561	432,655 88	2.419	3,477 60	.02	17,812,622 32
1903....	17,769,174 20	97.412	464,958 26	2.548	7,198 26	.04	18,241,330 72
1904....	18,521,449 22	97.473	471,132 68	2.472	10,562 67	.055	19,003,144 57
1905....	19,933,275 86	97.95	404,275 28	1.986	13,140 50	.064	20,350,691 64
1906....	20,249,076 67	97.70	248,095 82	1.196	228,933 10	1.104	20,726,105 59
1907....	20,621,188 95	97.748	195,385 37	.926	280,187 07	1.326	21,096,761 39
1908....	21,637,097 59	97.789	186,191 80	.841	304,275 37	1.37	22,127,564 76
1909....	22,066,484 01	97.715	186,615 39	.826	330,801 50	1.459	22,583,900 90
1910....	22,070,567 78	94.742	206,052 27	.885	1,018,749 99	4.373	23,295,370 04
1911....	20,598,120 50	86.985	179,857 14	.76	2,901,986 12	12.255	23,679,963 76
	\$496,503,618 49	.....	\$10,120,193 16	.....	\$5,109,519 83	.....	\$511,733,331 48

STATEMENT OF LEASES OWNED BY THE CITY OF BOSTON
IN THE CUSTODY OF THE CITY COLLECTOR.

Public Works Department, Bridge Service.— Leases. Schedule 1.

PROPERTY.	Lessee.	Annual Rent.	Expiration of Lease.
Charlestown Bridge, Store-houses 1, 2, 3, 4, 5 and 6...	M. P. Coleman;	\$1,075 00	Apr. 1, 1908
Total.....	.....	\$1,075 00	

Public Works Department, Street Cleaning and Oiling Service.—
Leases. Schedule 2.

PROPERTY.	Lessee.	Annual Rent.	Expiration of Lease.
Premises, Rutherford Avenue, Charlestown..	Timothy F. Callahan,	\$600 00	June 30, 1912

Market Department.— Leases. Schedule 3.

NO. OF STALL.	No. of Cellar.	Occupants.	Annual Rent.
	1	Bryant & Ordway Company.....	\$700 00
	2	Charles R. Corwin Company.....	1,000 00
	2	John P. Squire.....	476 00
	3	Edward P. Legg.....	432 00
	3	Andrew J. Legg.....	516 00
	4	Edward P. Legg.....	1,484 00
	5	George M. D. Legg Company.....	1,476 00
	6	G. M. D. & W. E. A. Legg.....	1,040 00
	12	Oscar Armstrong.....	904 00
	13	Harry E. Graves.....	564 00
	13-14	Arthur T. Cumings Company.....	1,596 00
	15	Harris S. Bean.....	820 00
	16	Peter F. Finan.....	932 00
	17	Sands, Furber & Co.....	968 00
	19	E. H. Kingman Company, Inc.....	924 00
	20	Blanchard & Bisco.....	644 00
	20	George H. Lawrence.....	584 00
	21	John J. Sullivan.....	944 00
	21	Lord & Spencer.....	832 00
1-3.....		William H. Prior.....	860 00
2-4-6-8.....	1-1½	Frank W. Dyer.....	2,336 00
		Carried forward.....	\$20,032 00

Market Department.—Leases. Schedule 3.—*Continued.*

No. OF STALL.	No. of Cellar.	Occupants.	Annual Rent.
		<i>Brought forward</i>	\$20,032 00
5-7		Hilton & Woodward	860 00
9-11		William H. Prior	860 00
10-12-14-16		Arthur W. Newell	1,728 00
13-15		J. Parker Lawrence	860 00
17-19		Samuel Holmes	652 00
18-20		Charles B. Jopp	964 00
21-23-25		John P. Squire	1,616 00
22-24		Edwin F. Deering	972 00
26		Edwin Chapman	652 00
27-29-31		Frederic H. Curtiss	1,616 00
28		George R. & Elmer D. Flint	652 00
30		J. Parker Lawrence	484 00
32	6	Edwin A. Harris	1,148 00
33-35		Nathan Robbins Company	1,128 00
34-36		John P. Squire	1,128 00
37-39	7	James A. Hathaway	1,800 00
38-40	7	Sturtevant & Haley Beef and Supply Company	2,028 00
41-43	8	Waters & Litchfield	1,400 00
42-44	8	Henry M. Jones	1,416 00
45		Otis Simonds	652 00
46-48	8	Lawrence & Mann	1,756 00
47	9	Lyman F. Abbott	1,072 00
49		William C. Hall	484 00
50-52-54	9-10	S. S. Learned Company	3,360 00
51-53-55		William H. Jones	1,140 00
56-58-60		Arthur W. Newell	1,444 00
57-59	11	Crosby Brothers Company	1,500 00
61-63	11½	Doe & Sullivan	2,268 00
62-64	11	Clarence M. Ryder	1,768 00
65-67		William H. Jones	1,128 00
66-68-70-72	11-12	J. V. Fletcher Company (Inc.)	3,392 00
69-71	12	Henry B. Goodenough, Estate of	1,368 00
73-75		Ferdinand Sulzberger	652 00
74-76		L. D. Jackson Company	964 00
77-79		Henry Wilkinson Company	972 00
78-80	14	Alvah M. Thompson	1,344 00
81		Walter S. Glidden	652 00
82		Edward F. Skahan	652 00
83-85	15	Arthur T. Cumings	2,048 00
84-86	14	L. A. Johnson Company (Inc.)	1,512 00
87-89		Walter H. Lerner, Jr.	964 00
88-90-92	16	Sands, Furber & Co.	2,432 00
91	16	William W. Palmer	912 00
93-95	17	Winn, Ricker & Co.	2,124 00
94-96-98		Henry B. Goodenough, Estate of	1,616 00
97-99-101	18	Isaac Locke & Co.	2,548 00
100	18	Stacy L. Hall	1,948 00
102			
103-105			
107-109			
114-116		F. H. Johnson	3,092 00
118-120			
and ½ of 122			
		<i>Carried forward</i>	\$87,760 00

Market Department.—Leases. Schedule 3.—*Concluded.*

No. OF STALL.	No. of Cellar.	Occupants.	Annual Rent.
		<i>Brought forward</i>	\$87,760 00
104-106.....	19	Curtis & Co.....	1,976 00
108-110.....		Edward H. Kingman.....	964 00
111-112.....		Walter Webbing.....	636 00
113-115.... }	22	Seleck P. Matthews.....	1,124 00
117-119.... }			
121-123-125 }	22	Prior & Townsend.....	1,764 00
127-129-131 }			
124-126-128 }	22	Shattuck & Jones (Inc.).....	1,896 00
130-132 and $\frac{1}{2}$ of 122.... }			
			<u>\$96,120 00</u>

Market Department.—Leases. Schedule 4.

No. OF STALL.	No. of Cellar.	Occupants.	Annual Rent.
	1	Frank B. Lawler.....	\$784 00
	4-5	Arthur W. Newell.....	2,320 00
	6	Frank E. Sibley.....	780 00
	7	Clifton S. Day.....	936 00
	8	Walter S. Glidden.....	708 00
	10	Charles B. Jopp.....	688 00
	11	Charles A. Wilcox.....	592 00
1.....	2	William A. Jackson.....	900 00
2-4.....	3	Albert P. Smith.....	1,628 00
3-5.....		Joshua Thorndike.....	1,004 00
6.....		Arthur Treat Company.....	456 00
7.....		Albert P. Smith.....	500 00
8.....		George H. Valpey.....	456 00
9.....		William A. Jackson.....	500 00
10.....		Benjamin Fitch.....	456 00
11.....	3 $\frac{1}{2}$	William A. Jackson.....	1,288 00
12.....		Alfred Sears.....	472 00
13-17.....		Childs & Sleeper.....	1,432 00
14.....		William J. Spinney.....	472 00
15.....		Alfred Sears.....	536 00
16-18.....	6	Charles M. Austin.....	1,304 00
19-34.....		Dole & Bailey.....	1,024 00
20-22-24.....		F. Irving Weston.....	1,416 00
21-23.....		Frank O. Bailey.....	912 00
25-27.....		E. M. Niles Company.....	1,132 00
26.....	8	Walter S. Glidden.....	708 00
28-32.....	9	C. Thayer Company (Inc.).....	2,040 00
31.....	9	Lewis C. Thayer.....	988 00
			<u>\$26,432 00</u>

Market Department.— Leases. Schedule 5.

No. of OUTSIDE STAND.	Occupants.	Annual Rent.
3	Shattuck & Jones (Inc.).....	\$564 00
4	North American Oyster Company...	564 00
5	Daniel D. Tierney.....	228 00
		<u>\$1,356 00</u>

RECAPITULATION.

Rents from Stalls and Cellars in Faneuil Hall Market and under Quincy Hall.....	\$96,120 00
Rents from Stalls and Cellars under New Faneuil Hall.....	26,432 00
Rents from Outside Stands.....	1,356 00
Total.....	<u>\$123,908 00</u>

GENERAL SUMMARY.

DEPARTMENTS.		Annual Rent.
Public Works Department, Bridge Service.....	As per Schedule 1....	\$1,075 00
Public Works Department, Street Cleaning and Oiling Service.....	" " 2....	600 00
Market Department.....	" " 3-4-5,	123,908 00
Public Buildings, Department of....	" " 6....	9,984 00
Laying Out Streets, Department of..	" " 7....	1 00
Park Department.....	" " 8....	3,700 00
Total.....		<u>\$139,268 00.</u>

Department of Public Buildings.—Leases. Schedule 6.

PROPERTY.	Location.	Annual Rent.	Expiration of Lease.
Old State House.....	Second Floor, to Bostonian Society.....	\$100 00	May 17, 1930
Quincy Hall.....	Room, to Deelan D. and Deelan W. Corcoran.....	224 00	Dec. 31, 1918
Quincy Hall.....	Room, to Western Union Telegraph Company.....	284 00	Dec. 31, 1918
Quincy Hall.....	Rotunda, to Ames Plov Company.....	5,000 00	Dec. 31, 1918
Quincy Hall.....	Rooms east of Rotunda, to Boston Fruit and Produce Exchange.....	1,362 00	Dec. 31, 1918
Repair Shop, "Annex".....	618 Harrison avenue, to W. I. Waples Company.....	780 00	May 31, 1912
Rooms, Tremont Building.....	Rooms 801 to 803, both inclusive, to James P. Magnien.....	1,080 00	Oct. 31, 1912
Rooms, Tremont Building.....	Rooms 917 and 918, to Thomas H. Fowd and David B. Shaw.....	550 00	Oct. 31, 1912
Smith Schoolhouse.....	Joy street, to Robert A. Bell Post 134.....	1 00	Jan. 1, 1910
Vine Street Chapel.....	Rear Main Church Building, Vine street, to Thomas G. Stevenson Post 26.....	1 00	Oct. 1, 1905
Thomas Street Schoolhouse.....	Jamaica Plain, to Boston Post 200.....	1 00	Dec. 1, 1910
Old Town Hall.....	Brighton, to Francis Washburn Post 92.....	1 00	Nov. 30, 1913
Total.....		\$9,384 00	

Department of Laying Out Streets. Schedule 7.

LOT.	Street.	Lessee.	Annual Rent.	Length of Lease.
Land.....	Between Massachusetts and Norfolk avenues.....	Trustees of Boston College of Boston.....	\$1 00	10 years from August 1, 1910.

Park Department.—Leases. Schedule 8.

PROPERTY.	Location.	Annual Rent.	Length of Lease.
Boat Service, etc.....	Charlesbank, to Gabriel Farrell.....	\$150 00	Three years, from March 1, 1908
Head House, Restaurant, etc.....	Marine Park, to Charles A. Bova.....	2,500 00	Five years, ending Dec. 31, 1915
Boat Landing, etc.....	Marine Park, to Frank J. Gethro.....	500 00	Five years, ending Dec. 31, 1916
Yacht Landing Site.....	Columbia Yacht Club.....	150 00	Five years, ending Dec. 31, 1912
Yacht Landing Site.....	Mosquito Yacht Club.....	100 00	Five years, ending Dec. 31, 1912
Canoe Landing Site.....	Puritan Canoe Club.....	50 00	Five years, ending Dec. 31, 1912
Yacht Landing Site.....	South Boston Yacht Club.....	250 00	Ten years, ending July 1, 1919
Total.....		\$3,700 00	

The following is a comparative statement of collections for past seven years:

Bills and Assessments.

YEARS.	Deposited.	Collected.	Per cent Collected.	Number Employees.
1911-12.....	\$29,546,900 74	\$25,256,333 98	85.478	72
1910-11.....	27,741,502 34	23,311,416 35	84.031	71
1909-10.....	27,641,393 50	23,106,692 69	83.594	71
1908-09.....	26,175,656 39	21,625,452 58	82.616	58
1907-08.....	25,622,865 83	20,503,481 83	80.410	78
1906-07.....	25,395,811 18	21,314,738 81	83.930	81
1905-06.....	24,297,282 97	19,951,725 25	82.066	63
1904-05.....	22,909,010 64	18,600,131 62	81.141	62

YEARS.	Total Collections.	Cost of Collecting.	Per cent.
1911-12.....	\$34,370,346 99	\$134,589 33	.00391
1910-11.....	33,460,480 47	132,570 31	.00396
1909-10.....	32,739,443 03	126,449 97	.00386
1908-09.....	31,102,234 85	124,019 53	.00399
1907-08.....	28,555,844 91	159,867 40	.00554
1906-07.....	29,893,348 68	134,983 16	.00452
1905-06.....	28,638,403 64	134,930 02	.00471
1904-05.....	26,840,057 52	134,996 34	.00503

Deeds Held by City January 31, 1912, under Sale for Unpaid Assessments.

WARD.	Name to Whom Assessed.	Assessments.	Estate.	Amount of Assessment.
21.....	Owner or owners unknown.....	Taxes, 1895.....	Land, east side Stony Brook Reservation.	\$1 28
19.....	Stephen P. Weld.....	Taxes and sewer, 1896,	Land, Sewall street.....	5 02
25.....	Owner or owners unknown.....	Sewer, 1899.....	Land, near Newton street....	129 60
23.....	Michael Brooks.....	Taxes and sewer, 1900,	574 Canterbury street.....	34 76
24.....	Matilda Belyea.....	Sewer, 1902.....	64 Callender street.....	8 60
24.....	Cora H. Aldrich.....	Taxes, 1904.....	Land, Duncan place.....	1 52
24.....	Edwin M. Tucke.....	Edgestone.....	Minot street.....	799 90
24.....	Edwin M. Tucke.....	Edgestone.....	Minot street.....	445 20
23.....	George A. Richards.....	Taxes, 1905.....	Land, Seymour street.....	1 60
23.....	George A. Richards.....	Taxes, 1905.....	Land, Seymour street.....	1 60
24.....	Willard Welsh.....	Taxes, 1905.....	Land, Burt street.....	32 00
24.....	Willard Welsh.....	Sewer, 1905.....	Land, Burt Street.....	86 30
24.....	Willard Welsh.....	Street, 1905.....	Land, Burt street.....	67 35
24.....	Willard Welsh.....	Taxes, 1905.....	Land, Violet street.....	4 80
24.....	Willard Welsh.....	Sewer, 1905.....	Land, West Selden street....	15 76
25.....	Charles V. Bemis and Abby V. Barry.	Taxes, 1905.....	Land, North Harvard street..	1 60
24.....	P. Ballentine & Son.....	Taxes, 1906.....	Land, rear Richmond road ...	1 59
24.....	P. Ballentine & Son.....	Taxes, 1906.....	Land, rear Richmond road ...	3 18
23.....	Nellie M. Brown.....	Taxes, 1906.....	Land, rear proposed street....	6 38
23.....	Nellie M. Brown.....	Taxes, 1906.....	Land, Walnut street.....	3 18
25.....	Rebecca Brown Heirs.....	Moth, 1906.....	Land, Foster street.....	4 45
13.....	Marie T. Conway and others....	Moth, 1906.....	99 Baxter street.....	4 00
16.....	Patrick D. Cronin.....	Taxes, 1906.....	132, 134 and 136 Quincy st....	3 18
23.....	Daniel Dolan.....	Taxes, 1906.....	Land, Casper street.....	1 59
24.....	Clifford S. Drake.....	Sewer, 1906.....	Land, Burt street.....	86 30
23.....	Clifford S. Drake.....	Sewer, 1906.....	Land, Woodlawn street.....	2 27
23.....	Rosie S. Harrington.....	Taxes, 1906.....	Land, Walker street.....	3 18
24.....	Mary R. Hubbard.....	Taxes, 1906.....	Land, Beaumont street.....	4 77
24.....	Mary R. Hubbard.....	Taxes, 1906.....	Land, Richmond street.....	1 59
23.....	Edward A. Janse.....	Sewer, 1906.....	Land, Dudley avenue.....	8 58
23.....	Michael J. Kelley.....	Taxes, 1906.....	Land, Belgrade avenue.....	4 77
23.....	Michael J. Kelley.....	Taxes, 1906.....	Land, Belgrade avenue.....	4 77
	<i>Carried forward.</i>			\$1,780 65

Deeds Held by City January 31, 1912, under Sale for Unpaid Assessments.— *Cont.*

WARD.	Name to Whom Assessed.	Assessments.	Estate.	Amount of Assessment.
	<i>Brought forward</i>			\$1,780 65
24.....	Benjamin C. Lancy.....	Street, 1906.....	Land, Callender street.....	37 46
23.....	Benjamin C. Lancy.....	Taxes, 1906.....	West Roxbury Parkway.....	1 59
24.....	Sue McDonald.....	Street, 1906.....	Land, Callender street.....	13 81
24.....	J. Frank Pope and Jacob Turner,	Sewer, 1906.....	Land, Mascot street.....	116 95
23.....	William W. Rich.....	Sewer, 1906.....	Land, Aldrich street.....	13 78
19.....	Susan R. Romney.....	Taxes, 1906.....	Land, rear Heath street.....	49 29
23.....	Ellen F. Root.....	Street, 1906.....	Land, Tower street.....	9 97
24.....	Minnie S. Ross.....	Street, 1906.....	Land, West Selden street.....	18 46
23.....	Laura M. Shaw.....	Taxes, 1906.....	Land, Sycamore street.....	1 59
23.....	Laura M. Shaw.....	Taxes, 1906.....	Land, Wright street.....	1 59
24.....	Inez L. Stewart.....	Sewer, 1906.....	Land, Fessenden street.....	14 09
24.....	Inez L. Stewart.....	Sewer, 1906.....	Land, Fessenden street.....	13 73
1.....	Willard Welsh.....	Taxes, 1906.....	Land, Condor street.....	1 59
23.....	Marie E. M. Whiting.....	Taxes, 1906.....	Land, Perham street.....	1 59
23.....	Marie E. M. Whiting.....	Taxes, 1906.....	Land, Perham street.....	4 77
15.....	Edward A. and Patrick A. Tracy..	Edgestone.....	Land, Vale street.....	91 70
1.....	James H. and Farwell J. Thayer..	Taxes, 1907.....	Land, Orient avenue.....	7 95
4.....	A. Lincoln Shedd.....	Taxes, 1907.....	Land, rear Beach street.....	1 59
9.....	Joseph Cohen.....	Taxes, 1907.....	Land, passage from Shawmut avenue.	3 18
10.....	Linnie Green.....	Taxes, 1907.....	Land, Hemenway street.....	11 13
16.....	Hyman S. Marcus, reassessed from Elizabeth Parsons.	Taxes, 1907.....	Land, Quincy street.....	3 18
20.....	Alfred Bowditch and others, Trustees.	Taxes, 1907.....	Land, Kilton street.....	1 59
20.....	Alfred Bowditch and others, Trustees.	Taxes, 1907.....	Land, Kilton street.....	1 59
20.....	John D. Bullard.....	Taxes, 1907.....	Land, Columbia terrace.....	4 77
20.....	James J. Cunningham.....	Taxes, 1907.....	Land, Quincy street.....	7 95
20.....	Michael J. Grady.....	Taxes, 1907.....	Land, Fayston street.....	1 59
21.....	Harrison A. Fuller.....	Taxes, 1907.....	Land, passage from Bainbridge street.	12 72
21.....	Susan R. Romney.....	Taxes, 1907.....	Land, passage from Codman street.	3 18
21.....	Susan R. Romney.....	Taxes, 1907.....	Land, passage from Codman street.	3 18
21.....	Susan R. Romney.....	Taxes, 1907.....	Land, passage from Codman street.	3 18
21.....	Morris Wheeler.....	Taxes, 1907.....	Land, Brunswick street.....	20 67
	<i>Carried forward</i>			\$2,260 06

Deeds Held by City January 31, 1912, under Sale for Unpaid Assessments.—*Cont.*

WARD.	Name to Whom Assessed.	Assessments.	Estate.	Amount of Assessment.
	<i>Brought forward</i> .....	.....	.....	\$2,260 06
21....	Morris Wheeler.....	Taxes, 1907.....	Land, Brunswick street.....	20 67
22....	Olivia C. French.....	Taxes, 1907.....	Land, Parley vale.....	3 18
22....	Olivia C. French.....	Taxes, 1907.....	Land, Parley vale.....	17 49
23....	Michael J. Cavanaugh.....	Taxes, 1907.....	Land, Auburn street.....	1 59
23....	Edward Gerrish three-fourths and Benjamin Lancy one-fourth.	Taxes, 1907.....	Land, Park street.....	1 59
24....	Francis P. Adams.....	Taxes, 1907.....	Land, Branch street.....	4 77
24....	William W. Babcock.....	Taxes, 1907.....	Land, Florida street.....	1 59
24....	James Galvin.....	Taxes, 1907.....	Land, Alabama street.....	1 59
24....	Jessie L. Major.....	Taxes, 1907.....	Land, Almont street.....	3 18
24....	Michael F. Moran.....	Taxes, 1907.....	Land, Orlando street.....	1 59
24....	Richard D. Ware and others....	Taxes, 1907.....	Land, Bernard street.....	111 30
24....	William Williams.....	Taxes, 1907.....	Land, Dorchester avenue....	6 36
24....	William Williams.....	Taxes, 1907.....	Land, Beaumont street.....	4 77
24....	George O. Wood, set off to Dennis Callahan.	Taxes, 1907.....	Land, Lenoxdale avenue....	1 59
4....	Miles Muldoon.....	Moth, 1907.....	15 Brighton street.....	2 34
14....	John Roycroft.....	Sewer, 1907.....	7 Vicksburg street.....	5 60
14....	John Roycroft.....	Taxes, 1906.....	7 Vicksburg street.....	6 36
15....	Benjamin Lancy.....	Sewer, 1907.....	Land, K street.....	7 15
20....	Joseph W. Jenkins.....	Sewer, 1907.....	Land, Wesley avenue.....	5 25
20....	William O. Wales, Trustee, set off to Katie Finn.	Taxes, 1907.....	Land, Columbia road.....	39 75
20....	William O. Wales, Trustee, set off to Katie Finn.	Taxes, 1907.....	Land, Columbia road.....	4 77
20....	William O. Wales, Trustee, set off to Katie Finn.	Taxes, 1907.....	Land, Columbia road.....	4 77
20....	William O. Wales, Trustee, set off to Katie Finn.	Taxes, 1907.....	Land, Columbia road.....	4 77
22....	Souther Brewing Company.....	Taxes, 1907.....	Bickford street.....	2,442 35
23....	Michael J. Cavanaugh.....	Sewer, 1907.....	Land, Auburn street.....	13 50
23....	Harry G. Chesley.....	Taxes, 1907.....	Land, Rowe street.....	12 72
23....	George Hall.....	Sewer, 1907.....	Land, Arundel street.....	16 58
23....	George Heaton.....	Taxes, 1907.....	Land, Cottage avenue.....	1 59
23....	George Heaton.....	Taxes, 1907.....	Land, Sparrow street.....	3 18
23....	Benjamin Lancy.....	Taxes, 1907.....	Land, Stratford street.....	6 36
23....	Benjamin Lancy.....	Sewer, 1907.....	Land, Farrington street.....	11 93
	<i>Carried forward</i> .....	.....	.....	\$5,035 06

Deeds Held by City January 31, 1912, under Sale for Unpaid Assessments.—*Cont.*

WARD.	Name to Whom Assessed.	Assessments.	Estate.	Amount of Assessment.
	<i>Brought forward</i>			\$5,035 06
23....	Benjamin C. Lancy.....	Sewer, 1907.....	Land, Alden street.....	8 82
23....	Ella L. Nickerson.....	Taxes, 1907.....	Land, Weld street.....	3 18
23....	George W. Robinson.....	Sewer, 1907.....	Land, Orange street.....	9 00
23....	William and Anne Swanton.....	Taxes, 1907.....	Land, Anson street.....	6 36
23....	William and Anne Swanton.....	Taxes, 1907.....	Land, Anson street.....	6 36
23....	Jacob C. Wentworth.....	Sewer, 1907.....	Land, Birch street.....	9 90
24....	Georgietta M. Cottle.....	Street, 1907.....	Land, Colonial street.....	34 75
24....	Clifford S. Drake.....	Taxes, 1907.....	Land, Burt street.....	31 80
24....	Eunice M. Flynn.....	Taxes, 1907.....	Land, Jones avenue.....	15 90
24....	Eunice M. Flynn.....	Sewer, 1907.....	Land, Jones avenue.....	10 13
24....	Addie S. Frost.....	Taxes, 1907.....	Land, off Granger street.....	1 59
24....	Benjamin Lancy.....	Street, 1907.....	Land, Middleton street.....	15 23
24....	Benjamin Lancy.....	Sewer, 1907.....	Land, Middleton street.....	10 19
24....	Benjamin C. Lancy.....	Taxes, 1907.....	Land, Lyons street.....	12 72
24....	Wesley E. A. Legg and others....	Moth, 1907.....	Land, Ashmont street.....	1 21
24....	Nathan Matthews and others, Trustees.	Sewer, 1907.....	Land, Madison avenue.....	28 65
24....	John H. Merriam.....	Sewer, 1907.....	Land, Rockwell street.....	23 63
24....	Addie L. Stone.....	Sewer, 1907.....	Land, West Selden street.....	43 15
24....	George O. Wood, set off to J. G. Herthier.	Taxes, 1907.....	Land, March street.....	1 59
25....	James Fitzgerald.....	Moth, 1907.....	Land, Hunnewell avenue.....	2 50
25....	James Fitzgerald.....	Moth, 1907.....	Land, Hunnewell avenue.....	2 50
25....	Jacob Greenberg.....	Taxes, 1907.....	Land, Garden street.....	19 08
25....	Michael Grenham.....	Taxes, 1907.....	Land, Hunnewell avenue.....	7 95
25....	Frederick Hammond.....	Moth, 1907.....	Land, Rodney street.....	5 27
25....	Francis V. B. Kern.....	Taxes, 1907.....	Land, Western avenue.....	54 06
25....	Catherine C. F. McCarthy.....	Sewer, 1907.....	Land, Champney street.....	14 93
25....	William Meagher.....	Moth, 1907.....	Land, Waverly street.....	2 15
25....	Ella G. Nason.....	Moth, 1907.....	Land, Hardwick street.....	3 17
25....	Ella G. Nason.....	Moth, 1907.....	Land, Hardwick street.....	3 18
25....	Roderick Richardson, reassessed to Roderick Richardson Heirs.	Taxes, 1907.....	Land, Portsmouth street.....	12 72
25....	Roderick Richardson, reassessed to Roderick Richardson Heirs.	Taxes, 1907.....	Land, Waverly street.....	9 54
25....	Henry C. Sawyer.....	Sewer, 1907.....	Land, Hobart street.....	12 20
	<i>Carried forward</i>			\$5,458 47

Deeds Held by City January 31, 1912, under Sale for Unpaid Assessments.—*Cont.*

WARD.	Name to Whom Assessed.	Assessments.	Estate.	Amount of Assessment.
	<i>Brought forward</i>			\$5,458 47
4....	Francis P. Adams.....	Taxes, 1908.....	Land, Beach street.....	1 65
4....	Francis P. Adams.....	Taxes, 1908.....	Land, Sackville street.....	4 95
11....	Willard Welsh.....	Taxes, 1908.....	Land, West Cedar street.....	70 95
12....	William Williams.....	Taxes, 1908.....	Land, Fellows court.....	6 60
13....	Bernard J. Reagan.....	Taxes, 1908.....	Land, Ewer street.....	8 25
15....	Benjamin Lancy.....	Taxes, 1908.....	Land, K street.....	4 95
16....	Paul G. Harting.....	Taxes, 1908.....	Land, Quincy street.....	8 25
16....	Paul G. Harting.....	Taxes, 1908.....	Land, Quincy street.....	8 25
16....	Harriott M. Kendall.....	Taxes, 1908.....	Land, Washington avenue....	8 25
16....	Edwin P. Littlefield.....	Taxes, 1908.....	Land, Hartford street.....	3 30
17....	Julia A. Evans.....	Taxes, 1908.....	Land, 1900 and 1900A Wash- ington street.	184 80
17....	Robert J. Jones.....	Taxes, 1908.....	Land, Jarvis place.....	1 65
17....	Robert J. Jones.....	Taxes, 1908.....	Land, Jarvis place.....	8 25
17....	Bridget Lynch and others.....	Taxes, 1907.....	Land, Jarvis place.....	1 59
17....	Bridget Lynch and others.....	Taxes, 1907.....	Land, Jarvis place.....	7 95
17....	Willard Welsh.....	Taxes, 1908.....	Land, McLellan street.....	1 65
19....	Francis C. Murphy.....	Taxes, 1908.....	Land, 1609 Tremont street...	100 65
19....	Willard Welsh.....	Taxes, 1908.....	Land, Linden Park street....	8 25
20....	Arthur M. Beale.....	Taxes, 1908.....	1479 Dorchester avenue.....	178 20
20....	Calvin C. Brackett.....	Taxes, 1908.....	40 Intervale street.....	102 30
20....	William R. Clark, Jr., Trustee...	Taxes, 1908.....	Land, Columbia road.....	44 55
20....	Ann M. Coleman.....	Taxes, 1908.....	112 Glenway street.....	103 95
20....	Annie E. Curley.....	Taxes, 1908.....	Land, Greenwich street.....	8 25
20....	Climena H. Drake.....	Taxes, 1908.....	Land, passage from Harvard avenue.	8 25
20....	Climena H. Drake.....	Taxes, 1908.....	Land, passage from Harvard avenue.	8 25
20....	Meyer L. Feingold.....	Taxes, 1908.....	11 Fayston street.....	87 45
20....	Simon Flashman.....	Taxes, 1908.....	45 Lawrence avenue.....	140 25
20....	Samuel Freudenberg.....	Taxes, 1908.....	14 Michigan avenue.....	110 55
20....	Jeremiah W. Hartshorne.....	Taxes, 1908.....	37 Nightingale street.....	80 85
20....	Joseph W. Jenkins.....	Taxes, 1908.....	Land, Wesley avenue.....	4 95
20....	John Lally.....	Taxes, 1908.....	16 Allston street.....	145 20
20....	Eric C. Magnuson.....	Taxes, 1908.....	425 Geneva avenue.....	118 80
20....	Edward B. Moxon.....	Taxes, 1908.....	46 Warner street.....	89 10
	<i>Carried forward</i>			\$7,129 56

Deeds Held by City January 31, 1912, under Sale for Unpaid Assessments.—*Cont.*

WARD.	Name to Whom Assessed.	Assessments.	Estate.	Amount of Assessment.
	<i>Brought forward</i>.....	.....	.....	\$7,129 56
20.....	Annie Mulloy.....	Taxes, 1908.....	8 Greenheys street.....	80 85
20.....	Edward J. Pierce and others.....	Taxes, 1908.....	Land, Mt. Vernon street.....	13 20
20.....	Elizabeth A. Puffer.....	Taxes, 1908.....	Land, Stanwood street.....	52 80
20.....	Willard Welsh.....	Taxes, 1908.....	266 Bowdoin street.....	180 90
20.....	Willard Welsh.....	Taxes, 1908.....	268 Bowdoin street.....	180 90
20.....	Willard Welsh.....	Taxes, 1908.....	270 Bowdoin street.....	180 90
20.....	Willard Welsh.....	Taxes, 1908.....	272 Bowdoin street.....	107 25
20.....	Willard Welsh.....	Taxes, 1908.....	Land, Bowdoin street.....	24 75
21.....	Abraham Berkman.....	Taxes, 1908.....	35 Gaston street.....	115 50
21.....	Addie L. Brown.....	Taxes, 1908.....	15 Copeland street.....	186 45
21.....	Charles A. Jewell and others.....	Taxes, 1908.....	2 Wyoming street.....	100 65
21.....	Elizabeth R. Kelley.....	Taxes, 1908.....	124 Crawford street.....	148 50
21.....	John K. Lathrop.....	Taxes, 1908.....	106 Crawford street.....	117 15
21.....	Joseph Middleby, Jr.....	Taxes, 1908.....	13 Dorr street.....	49 50
21.....	Samuel S. Sawyer.....	Taxes, 1907.....	33 and 35 Laurel street.....	98 58
21.....	Samuel S. Sawyer.....	Taxes, 1908.....	33 and 35 Laurel street.....	102 30
21.....	Thomas M. Smith.....	Taxes, 1908.....	Land, rear Dennison street.....	13 20
22.....	Owen F. Clasby.....	Taxes, 1908.....	Land, rear Ellsworth place.....	6 60
22.....	Olive B. Monks.....	Taxes, 1908.....	14 Baker court.....	21 45
22.....	Conrad J. Rueter.....	Taxes, 1907.....	8 Parley vale.....	95 40
22.....	Conrad J. Rueter.....	Taxes, 1908.....	8 Parley vale.....	99 00
22.....	William J. Shields.....	Taxes, 1908.....	Land, Cheshire street.....	21 45
22.....	Willard Welsh.....	Taxes, 1908.....	Land, Boylston street.....	18 15
23.....	Nathaniel W. Bowes.....	Taxes, 1908.....	Land, Newfield street.....	1 65
23.....	Frances T. Carey.....	Taxes, 1908.....	Land, Lasell street.....	4 95
23.....	Julia S. Ennis.....	Taxes, 1908.....	Land, Glenham street.....	1 65
23.....	Julia S. Ennis.....	Taxes, 1908.....	Land, Glenham street.....	3 30
23.....	Henrietta Frazer.....	Taxes, 1908.....	Land, Perham street.....	1 65
23.....	Augusta Frykstand.....	Taxes, 1908.....	Land, Morrison street.....	1 65
23.....	Abraham B. Gehman.....	Taxes, 1908.....	Land, Carroll street.....	1 65
23.....	John R. Gehman.....	Taxes, 1908.....	Land, Schiller road.....	1 65
23.....	John R. Gehman.....	Taxes, 1908.....	Land, Schiller road.....	3 30
23.....	John R. Gehman.....	Taxes, 1908.....	Land, Carroll street.....	1 65
23.....	John R. Gehman.....	Taxes, 1908.....	Land, Goethe street.....	1 65
23.....	John R. Gehman.....	Taxes, 1908.....	Land, Goethe street.....	1 65
	<i>Carried forward</i>.....	.....	.....	\$9,171 39

Deeds Held by City January 31, 1912, under Sale for Unpaid Assessments.— *Cont.*

WARD.	Name to Whom Assessed.	Assessments.	Estate.	Amount of Assessment.
	<i>Brought forward</i>			\$9,171 39
23....	Charles H. Gifford.....	Taxes, 1908.....	Land, rear Jamaica street.....	1 65
23....	Charles H. Gifford.....	Taxes, 1908.....	Land, Baker street.....	8 25
23....	Charles H. Gifford.....	Taxes, 1908.....	Land, Baker street.....	8 25
23....	Charles H. Gifford.....	Taxes, 1908.....	Land, Baker street.....	6 60
23....	George Hall.....	Taxes, 1908.....	Land, Arundel street.....	4 95
23....	Ada T. Hayden.....	Taxes, 1908.....	1850, 1856 and 1858 Centre st. and 29 and 31 Corey street.	364 65
23....	Ellen Lahey.....	Taxes, 1908.....	Land, Arnold street.....	1 65
23....	Ellen Lahey.....	Taxes, 1908.....	Land, Arnold street.....	1 65
23....	Benjamin C. Lancy.....	Taxes, 1908.....	Land, Alden street.....	1 65
23....	Guy Lowell.....	Taxes, 1908.....	Land, rear Centre street.....	69 30
23....	Maria J. McGowan.....	Taxes, 1908.....	Land, Partridge street.....	1 65
23....	Margaret J. McMillan.....	Taxes, 1908.....	Land, Newfield street.....	1 65
23....	Thomas A. Mulvey.....	Taxes, 1908.....	Land, Billings street.....	3 30
23....	George A. Munro.....	Taxes, 1908.....	Land, Furbush road.....	1 65
23....	Ella L. Nickerson.....	Taxes, 1908.....	Land, Weld street.....	3 30
23....	Charles L. Paine and others.....	Taxes, 1908.....	Land, Winslow street.....	1 65
23....	Charles L. Paine and others.....	Taxes, 1908.....	Land, Winslow street.....	1 65
23....	Philip Roemelsberger Heirs.....	Taxes, 1908.....	Land, Brahms street.....	3 30
23....	Harlow H. Rogers.....	Taxes, 1908.....	Land, Seymour road.....	1 65
23....	Frederick Slader.....	Taxes, 1908.....	Land, Arborway.....	66 00
23....	Henry G. Spicer.....	Taxes, 1908.....	Land, Perham street.....	4 95
23....	Ida J. Sullivan.....	Taxes, 1908.....	Land, Orange street.....	4 95
23....	Guy P. Walton.....	Taxes, 1908.....	Land, Dent street.....	1 65
23....	Guy P. Walton.....	Taxes, 1908.....	Land, Roberts avenue.....	1 65
23....	Emeline Wing.....	Taxes, 1908.....	Land, Orchard street.....	181 50
23....	Emeline Wing.....	Taxes, 1908.....	Land, Orchard street.....	61 05
24....	Cora H. Aldrich.....	Taxes, 1908.....	Land, Duncan street.....	1 65
24....	Thomas R. Barraber.....	Taxes, 1908.....	Land, Oakland street.....	3 30
24....	Edward H. Bonelli.....	Taxes, 1908.....	Land, Myrtlebank avenue.....	4 95
24....	Curtis H. Burt and others.....	Taxes, 1908.....	97, 99, 101 and 103 Templeton street.	231 00
24....	Daniel Callahan.....	Taxes, 1908.....	Land, Roland road.....	3 30
24....	Ellen L. Connolly.....	Taxes, 1908.....	Land, Washington street.....	8 25
24....	Bertha Cosgrove.....	Taxes, 1908.....	Land, Savannah avenue.....	1 65
24....	Henry Dennis.....	Taxes, 1908.....	Land, Roland road.....	3 30
	<i>Carried forward</i>			\$10,238 94

Deeds Held by City January 31, 1912, under Sale for Unpaid Assessments.—*Cont.*

WARD.	Name to Whom Assessed.	Assessments.	Estate.	Amount of Assessment.
	<i>Brought forward</i>			\$10,238 94
24....	John A. Duggan.....	Taxes, 1908.....	Building, court off Neponset avenue.	6 60
24....	David H. Irving.....	Taxes, 1908.....	Land, Almont street.....	3 30
24....	Alma S. Johnson.....	Taxes, 1908.....	Land, rear Adams street.....	11 55
24....	Mary M. Lawton.....	Taxes, 1908.....	Land, rear Leonard street....	1 65
24....	Mary M. Lawton.....	Taxes, 1908.....	Land, rear Leonard street....	1 65
24....	Mary M. Lawton.....	Taxes, 1908.....	Land, rear Leonard street....	11 55
24....	Henry O. Lothrop.....	Taxes, 1908.....	Land, Claymont terrace.....	21 45
24....	Nellie F. McKay.....	Taxes, 1908.....	Land, Claymont terrace.....	14 85
24....	New England Publishing Co....	Taxes, 1908.....	Land, Elene street.....	3 30
24....	Thomas J. Russell.....	Taxes, 1908.....	Land, Delhi street.....	4 95
24....	William F. Shedden and others, Trustees.	Taxes, 1908.....	Land, Morton street.....	82 50
24....	James and Nellie F. Tinker.....	Taxes, 1908.....	Land, Allendale street.....	6 60
25....	Prescott G. Beals, Trustee.....	Taxes, 1908.....	Land, Corey road.....	16 50
25....	Faneuil Hall National Bank....	Taxes, 1908.....	Land, North Beacon street....	33 00
25....	Faneuil Hall National Bank....	Taxes, 1908.....	Land, North Beacon street....	41 25
25....	Faneuil Hall National Bank....	Taxes, 1908.....	Land, North Beacon street....	37 95
25....	Faneuil Hall National Bank....	Taxes, 1908.....	Land, North Beacon street....	64 85
25....	Annie W. Pond.....	Taxes, 1908.....	Land, Antwerp street.....	9 90
25....	Annie W. Pond.....	Taxes, 1908.....	Land, Antwerp street.....	11 55
25....	Annie W. Pond.....	Taxes, 1908.....	Land, Antwerp street.....	9 90
25....	Annie W. Pond.....	Taxes, 1908.....	Land, Antwerp street.....	9 90
25....	Annie W. Pond.....	Taxes, 1908.....	Land, Antwerp street.....	13 20
25....	Annie W. Pond.....	Taxes, 1908.....	Land, Hano street.....	14 85
25....	Annie W. Pond.....	Taxes, 1908.....	Land, street No. 1.....	19 80
25....	Annie W. Pond.....	Taxes, 1908.....	Land, street No. 1.....	19 80
25....	Annie W. Pond.....	Taxes, 1908.....	Land, street No. 1.....	13 20
25....	Annie W. Pond.....	Taxes, 1908.....	Land, street No. 1.....	14 85
25....	Annie W. Pond.....	Taxes, 1908.....	Land, street No. 2.....	13 20
25....	Annie W. Pond.....	Taxes, 1908.....	Land, street No. 2.....	13 20
25....	Annie W. Pond.....	Taxes, 1908.....	Land, street No. 2.....	9 90
25....	Annie W. Pond.....	Taxes, 1908.....	Land, street No. 4.....	13 20
25....	Annie W. Pond.....	Taxes, 1908.....	Land, street No. 4.....	13 20
25....	Annie W. Pond.....	Taxes, 1908.....	Land, street No. 4.....	13 20
25....	William Seaver and James O. Leman.	Taxes, 1908.....	Land, Holmes avenue.....	23 10
	<i>Carried forward</i>			\$10,538 39

Deeds Held by City January 31, 1912, under Sale for Unpaid Assessments.—*Cont.*

WARD.	Name to Whom Assessed.	Assessments.	Estate.	Amount of Assessment.
	<i>Brought forward</i>.....	.....	.....	\$10,838 39
25.....	Margaret E. Strang.....	Taxes, 1908.....	Land, Perthshire street.....	11 55
14.....	P. Joseph Hurley.....	Street, 1908.....	Land, Columbia road.....	193 59
20.....	William A. Gaston, Trustee.....	Taxes, 1908.....	Land, Columbia road.....	202 95
20.....	William A. Gaston, Trustee.....	Sewer, 1908.....	Land, Columbia road.....	82 51
20.....	William A. Gaston, Trustee.....	Moth, 1908.....	Land, Columbia road.....	31 18
20.....	Mary R. Hubbard.....	Taxes, 1906.....	Land, Elmo street.....	1 59
20.....	Mary R. Hubbard.....	Taxes, 1907.....	Land, Elmo street.....	1 59
20.....	Mary R. Hubbard.....	Taxes, 1908.....	Land, Elmo street.....	1 65
21.....	August Grasser and Herman Knoblock, reassessed from Henrietta Weiss.	Taxes, 1908.....	Land, rear Warren street....	1 65
23.....	Willard Welsh.....	Taxes, 1908.....	Land, Belle avenue.....	3 30
24.....	Jonathan B. L. Bartlett.....	Sewer, 1908.....	Land, West Selden street....	13 52
24.....	Jonathan B. L. Bartlett.....	Street, 1908.....	Land, West Selden street....	14 83
24.....	Mary J. Costello.....	Taxes, 1908.....	34 Bearse avenue.....	56 10
24.....	Mary J. Costello.....	Sewer, 1907.....	34 Bearse avenue.....	24 17
24.....	Mary J. Costello.....	Sewer, 1908.....	34 Bearse avenue.....	18 79
24.....	George A. Richards.....	Taxes, 1908.....	Land, Mascot street.....	11 55
24.....	George A. Richards.....	Sewer, 1908.....	Land, Mascot street.....	10 64
24.....	George A. Richards.....	Moth, 1908.....	Land, Mascot street.....	2 00
24.....	Julia Sullivan.....	Sewer, 1907.....	58-60 Newhall avenue.....	7 72
24.....	Julia Sullivan.....	Sewer, 1908.....	58-60 Newhall avenue.....	7 72
24.....	Julia Sullivan.....	Moth, 1908.....	58-60 Newhall avenue.....	2 66
24.....	Willard Welsh.....	Sewer, 1907.....	44 Capen street.....	12 77
24.....	Willard Welsh.....	Sewer, 1908.....	44 Capen street.....	12 77
25.....	Margaret B. Keefe.....	Taxes, 1908.....	Land, Newton street.....	4 95
25.....	Margaret B. Keefe.....	Sewer, 1908.....	Land, Newton street.....	19 55
25.....	Daniel M. O'Connell Heirs or Devisees.	Taxes, 1907.....	9 and rear 9 Winship street...	85 86
25.....	Daniel M. O'Connell Heirs or Devisees.	Taxes, 1908.....	9 and rear 9 Winship street...	82 50
25.....	Daniel M. O'Connell Heirs or Devisees.	Moth, 1907.....	9 and rear 9 Winship street...	87
4.....	Elizabeth N. McKay.....	Taxes, 1909.....	Land, North Mead street....	21 45
7.....	Mary E. R. Jones.....	Taxes, 1908.....	303-311 Tremont street.....	303 60
7.....	Mary E. R. Jones.....	Taxes, 1908.....	Land, Utica street.....	57 75
12.....	Margaret A. Grace.....	Taxes, 1907.....	41 East Springfield street....	114 15
16.....	Michael Campbell.....	Taxes, 1907.....	Land, Dorchester avenue....	19 08
	<i>Carried forward</i>.....	.....	.....	\$12,274 95

Deeds Held by City January 31, 1912, under Sale for Unpaid Assessments.— *Cont.*

WARD.	Name to Whom Assessed.	Assessments.	Estate.	Amount of Assessment.
	<i>Brought forward.</i>			\$12,274 95
16....	Michael Campbell.....	Taxes, 1907.....	Land, Dorchester avenue.....	17 49
16....	Frederick Kem.....	Taxes, 1909.....	Land, Quincy street.....	4 95
17....	Katherine J. Dever.....	Taxes, 1906.....	56 Mt. Pleasant avenue.....	131 97
17....	Annie M. Kelley.....	Taxes, 1909.....	Land, McLellan street.....	1 65
18....	Henry Green.....	Taxes, 1909.....	Land, Ruggles street.....	24 75
18....	Henry Green.....	Taxes, 1909.....	Land, Ruggles street.....	24 75
18....	Henry Green.....	Taxes, 1909.....	Land, Ruggles street.....	29 70
18....	Henry Green.....	Taxes, 1909.....	Land, Ruggles street.....	31 35
18....	Henry Green.....	Taxes, 1909.....	Land, Ruggles street.....	24 75
18....	J. Harris Niles.....	Taxes, 1909.....	2-4 Ferry street and 1235-1245 Tremont street.	391 05
19....	Robert C. Orpin.....	Taxes, 1909.....	160 Ward street.....	56 10
19....	Willard Welsh.....	Taxes, 1909.....	Land, Longwood avenue.....	9 90
20....	Abraham Paisner.....	Taxes, 1909.....	27 Leroy street.....	100 65
20....	Abraham Paisner.....	Taxes, 1909.....	17 Leroy street.....	97 35
20....	Susan L. Stedman.....	Taxes, 1909.....	413 Bowdoin street.....	374 55
21....	Albert J. Foster <i>et al.</i> , Trustees,	Taxes, 1909.....	Land, rear Walnut avenue.....	6 60
21....	Charles O. Galucia.....	Taxes, 1909.....	Land, Rock street.....	3 30
21....	Harry Goldman.....	Taxes, 1909.....	42 Highland street.....	127 05
21....	Harriet P. Lamkin.....	Taxes, 1909.....	Land, rear Holborn street.....	6 60
21....	Henry M. Mason.....	Taxes, 1909.....	27 Gaston street.....	132 00
21....	Frank Russell.....	Taxes, 1905.....	Land, Bartlett street.....	94 40
21....	Charles W. Tobey.....	Taxes, 1909.....	Land, Georgia street.....	6 60
21....	Marion B. Vinson.....	Taxes, 1909.....	2 Hutchins street.....	143 55
21....	Davenport R. White.....	Taxes, 1909.....	135-137 Crawford street.....	330 00
22....	Juliet A. Keyes.....	Taxes, 1909.....	15 Bishop street.....	126 70
22....	Ida M. White.....	Taxes, 1909.....	18 Greenough place.....	135 30
22....	Ida M. White.....	Taxes, 1909.....	684-702 Centre street.....	541 20
23....	Margaret Collins one-half and another one-half.	Taxes, 1909.....	93 Cass street.....	168 30
23....	Theresa May.....	Taxes, 1908.....	May street.....	282 15
23....	Harlow H. Rogers.....	Taxes, 1909.....	Land, Hyde Park avenue.....	3 30
23....	Eugene Weidenberg.....	Taxes, 1909.....	Land, Beale street.....	3 30
24....	Lizzie M. Bassett.....	Taxes, 1909.....	1089-1089 A Blue Hill avenue,	143 55
24....	John F. Davenport.....	Taxes, 1909.....	Land, Ballou place.....	82 50
24....	Charles A. and Catherine F. Dolahar.	Taxes, 1909.....	Land, Groveland street.....	8 25
24....	Ida A. Douglass.....	Taxes, 1909.....	Land, off Norfolk street.....	11 55
	<i>Carried forward.</i>			\$15,954 11

Deeds Held by City January 31, 1912, under Sale for Unpaid Assessments.—*Cont.*

WARD.	Name to Whom Assessed.	Assessments.	Estate.	Amount of Assessment.
	<i>Brought forward</i>.....	.....	.....	\$15,954 11
24.....	John J. Doyle.....	Taxes, 1909.....	Land, Richmond road.....	4 95
24.....	John J. Doyle.....	Taxes, 1909.....	Land, Richmond road.....	1 65
24.....	John J. Doyle.....	Taxes, 1909.....	Land, Richmond road.....	1 65
24.....	Annie M. Kelley.....	Taxes, 1909.....	Land, Talbot avenue.....	3 30
24.....	Alice M. Kilduff.....	Taxes, 1909.....	Land, Richmond street.....	3 30
24.....	Philip B. Long.....	Taxes, 1909.....	Land, Assabet street.....	23 10
24.....	Edward J. McDermott.....	Taxes, 1905.....	42 King street.....	67 20
24.....	Catherine O'Connor.....	Taxes, 1909.....	2161-2163 Dorchester avenue,	112 20
24.....	Thomas Quinn.....	Taxes, 1909.....	Land, River street.....	11 55
24.....	Harlow H. Rogers.....	Taxes, 1909.....	97-103 Templeton street....	231 00
24.....	Mary Shaw.....	Taxes, 1909.....	Land, Payne street.....	1 65
24.....	Rollin J. Van Houten.....	Taxes, 1909.....	Land, Oakland street.....	3 30
25.....	Simon E. Duffin.....	Taxes, 1909.....	Land, Antwerp street.....	8 25
25.....	Annie M. Kelley.....	Taxes, 1908.....	Land, Coolidge road.....	3 30
25.....	John J. Paget.....	Taxes, 1909.....	Land, Mapleton street.....	19 80
25.....	Roderick D. Richardson.....	Taxes, 1908.....	17-19 Waverly street.....	57 75
25.....	Henry M. Whitney <i>et al.</i> , Trustees.	Taxes, 1909.....	Land, Beacon street.....	351 45
1.....	Margaret Coffin.....	Street Construction, 1909.	Land, Bennington street.....	43
1.....	Louis Costa.....	Sewer, 1909.....	Land, Neptune road.....	10 35
1.....	Louis Costa.....	Sewer, 1909.....	Land, Neptune road.....	10 57
1.....	Abbie S. Evans.....	Sewer, 1909.....	Land, Montmorenci avenue...	14 00
1.....	Bridget F. Finneran.....	Street Construction, 1909.	Land, Bennington street....	16 90
3.....	John Kyle.....	Taxes, 1908.....	8 Scott's court.....	24 75
3.....	John Kyle.....	Taxes, 1908.....	6 Scott's court.....	24 75
4.....	Boston & Maine Railroad.....	Sewer, 1901.....	Rutherford avenue.....	196 70
4.....	Mary F. Kyle.....	Taxes, 1908.....	4 Irving place.....	41 25
6.....	Boston & Gloucester Construction Company.	Sewer, 1909.....	42-44 Snow Hill street, 49-51 Hull street.	12 86
15.....	Arthur H. Jacques.....	Street Construction, 1909.	Land, off K street.....	26 55
16.....	George V. Wattendorf.....	Street Construction, 1909.	Land, East Cottage street....	11 23
16.....	George V. Wattendorf.....	Street Construction, 1909.	694-702 Columbia road.....	154 92
17.....	Julia E. Dwyer.....	Taxes, 1908.....	Norfolk avenue.....	338 25
18.....	Lawrence Bond, Executor will of James Hayes.	Taxes, 1908.....	29 Hammond street.....	102 30
19.....	Samuel Emmes, Heirs or Devisees,	Street Construction, 1904.	1120-1142 Columbus avenue..	1,151 05
19.....	Willard Welsh.....	Taxes, 1909.....	Land, off Linden Park street..	8 25
	<i>Carried forward</i>.....	.....	.....	\$19,004 62½

Deeds Held by City January 31, 1912, under Sale for Unpaid Assessments.—*Concl.*

WARD.	Name to Whom Assessed.	Assessments.	Estate.	Amount of Assessment.
	<i>Brought forward</i>			\$19,004 62
20.....	Pierce J. Grace, Trustee.....	Taxes, 1909.....	Land, Normandy street.....	8 25
20.....	Pierce J. Grace, Trustee.....	Taxes, 1909.....	Rear Lawrence avenue.....	287 10
20.....	Pierce J. Grace, Trustee.....	Taxes, 1909.....	Land, Lawrence park.....	18 15
22.....	Maria H. Davis.....	Taxes, 1909.....	Land, Rockview street.....	74 25
23.....	Sarah M. McCarthy.....	Sewer, 1909.....	Land, Farquhar street.....	14 00
23.....	Helen M. Morgan, Heirs or Devisees.	Taxes, 1909.....	Land, Charles street.....	1 65
23.....	Albert J. Sawyer.....	Taxes, 1909.....	Land, Capital street.....	1 65
23.....	Albert J. Sawyer.....	Taxes, 1909.....	Land, Capital street.....	1 65
23.....	Eliza Sittig.....	Sewer, 1909.....	Land, Sherwood street.....	10 50
24.....	Florence M. Cain.....	Sewer, 1895.....	45 Sanford street.....	87 67
24.....	Florence M. Cain.....	Sewer, 1895.....	Temple street.....	74 28
24.....	Evelyn A. Eagles.....	Taxes, 1909.....	126-128 Lauriat avenue.....	54 45
24.....	Charles T. Mellen.....	Taxes, 1909.....	64-66 Mill street.....	66 00
24.....	Bessie S. K. Rankin.....	Street Construction, 1906.	27 Rosemont street.....	105 60
24.....	John E. Taylor.....	Taxes, 1909.....	Land, Randolph road.....	1 65
24.....	Marger M. Tookinanian.....	Taxes, 1909.....	Land, Almont street.....	4 95
24.....	Marger M. Tookinanian.....	Taxes, 1909.....	Land, Savannah avenue.....	4 95
24.....	Patrick J. Wallace.....	Taxes, 1909.....	Land, Itasca street.....	1 65
24.....	Patrick J. Wallace.....	Taxes, 1909.....	Land, Colorado street.....	1 65
24.....	Mary E. Webster.....	Taxes, 1909.....	Land, Itasca street.....	1 65
25.....	Albert Geiger, set off to Albert Geiger.	Taxes, 1909.....	Land, Commonwealth avenue,	41 25
13.....	William Williams.....	Taxes, 1909.....	Land, Earl street.....	3 30
14.....	Edmund B. Frye, <i>et al</i>	Street Construction, 1909.	Land, L street.....	232 84
16.....	Joseph L. Bergman.....	Taxes, 1908.....	Land, Old Colony avenue.....	16 50
17.....	Maurice Bergman.....	Taxes, 1908.....	51 Norfolk avenue.....	39 60
22.....	Louise W. Burkhardt.....	Sewer, 1908.....	Land, Mozart street.....	32 77
23.....	Maurice F. Ryan.....	Taxes, 1909.....	Land, Capital street.....	1 65
25.....	Marland L. Pratt.....	Taxes, 1908.....	Land, Western avenue.....	115 50
25.....	Marland L. Pratt.....	Taxes, 1908.....	Land, Brighton avenue.....	133 65
23.....	Thomas Greene.....	Taxes, 1909.....	Land, La Grange street.....	1 65
24.....	Bessie S. K. Rankin.....	Taxes, 1909.....	Land, Gustine avenue.....	1 65
				\$20,446 68



ANNUAL REPORT
OF THE
CONSUMPTIVES' HOSPITAL DEPARTMENT
FOR THE YEAR ENDING JANUARY 31, 1912.

BOSTON, February 1, 1912.

HON. JOHN F. FITZGERALD,
Mayor of the City of Boston:

SIR,—The report of the Consumptives' Hospital Department for the year ending January 31, 1912, is respectfully submitted herewith.

As provided by law, the Board of Trustees met on May 15, 1911, and organized for the year by the election of Edward F. McSweeney, chairman, and Chandler Hovey, secretary.

The Consumptives' Hospital Trustees, after securing the advice of all the experts available in this country and Europe, decided soon after they were appointed that the great need in this tuberculosis work was a hospital for dying cases, where those sick from tuberculosis, in indigent circumstances, who were transmitting the disease to those living with them, could be transferred from their place of residence to a hospital. This work of taking the indigent dying consumptives out of their homes has been carried on in Boston to a degree not equaled by any other city in the world. It has been done practically altogether by the power of the public press and education; seldom by the authority of the legal force vested in the Board of

Health. It has been made possible by making the hospital so comfortable and attractive that patients are willing to go to it. The belief that every consumptive who, because of poverty, is a source of infection should be taken out of unsanitary surroundings as an economic benefit to the community has led to the policy adopted by the Board of not forcing payment for hospital treatment when there was any question of the ability of the consumptive to pay.

Caring for consumptives in the early stages whose cases will eventually become "arrested," or so-called "cured," is treating for the most part the patient; treating those who have no chance of recovery is caring also for those not yet infected, and the highest form of preventive effort. It should, however, be remembered that the incipient case is a source of very considerable danger and, moreover, if not cared for would become an advanced case. This class of patients is provided for at the state sanatorium. Hospitals built on the so-called shack construction are not suited for the advanced case, which requires a hospital, with every possible convenience and comfort, and where rules as to visitors, friends and relatives are as liberal as will permit of reasonable discipline being maintained. A sick person will go anywhere, to any sort of a building, under any condition of hardship possible to bear, if sure this means regained health, but when the community says to a consumptive that in the interest of the rest of the community it is necessary one must leave his home and loved ones to die among strangers, and then such patient is sent to an uncomfortable hospital with unsympathetic attendants and stringent rules, no one could blame patients, no matter what home conditions may be, for refusing to go to such a hospital, except under compulsion.

The fact that the Boston Consumptives' Hospital has succeeded in holding a larger percentage of cases until death than any other known hospital indicates that this kind of institution, with comfortable beds, good food and consideration shown the patient and his visiting friends, goes a long way in solving this problem, hitherto considered impossible.

On September 11, 1907, an Out-Patient Department was opened at Burroughs place, with one head nurse and three assistants. The Out-Patient Department gives all persons suspicious of their condition an oppor-

tunity for scientific examination. It has carried into the domes of Boston, in a way not possible otherwise, the doctrine of cleanliness, and the lesson of how to prepare food and so live as to ward off this and other diseases due to lack of hygiene and ignorance.

This out-patient division of our work has grown until there are to-day a superintendent and twenty-five assistant nurses. It has been frequently said by experts from other parts of the United States and from abroad, who have examined into the work of our Out-Patient Department, that this is probably the finest sample of preventive disease work going on in the world.

Our out-patient work is conducted in a building on Burroughs place which was remodeled and repaired to suit our purposes. When this out-patient work was begun by the trustees it was not anticipated that it would grow to the extent that it has, and the building has been inadequate from the very first; but we have done the best we could under the circumstances. Owing to the demolition of the Winthrop School and the extension of Dix place, this property is coming into the market for business purposes and real estate values in this section are rapidly appreciating. It is probable that the building which we now occupy will shortly be sold and torn down and the land be occupied for other purposes. The trustees have been making investigations of suitable buildings in the central part of Boston, which can be reached by the residents in all parts of the city, in anticipation of the change in the Out-Patient Department, but the economical and wise thing for the city to do is to build its own Out-Patient Department building and this should be done without delay. A request for money for this purpose will be made.

In the selection of doctors and nurses the trustees have constantly borne in mind that Boston has a heterogeneous population. While the trustees have insisted on the highest standard of fitness in all cases, they believe that real and permanent success in this work can be achieved only by having all the various elements in the community represented on the medical and nursing staffs. The more important racial elements in Boston can find in our service doctors and nurses of their racial stock who are able to understand their psychology, and when necessary to converse with patients in their own tongue. It is the hope of the

present trustees to extend this policy to cover every racial element in Boston as fast as it is possible to find competent persons to fill the places.

In 1907 the trustees selected the estate at Mattapan formerly owned by ex-United States Senator Conness, consisting of fifty-five acres, including buildings, barns, etc., on River street, sloping to the Neponset river, which, after being accepted by outside experts both as to the excellence of the location for a tuberculosis hospital and the fairness of the selling price, was purchased by the city for \$65,000.

On this land have already been constructed two concrete pavilion hospitals, one brick and concrete administration building, two wooden cottage wards of improved shack construction, and a day camp and power house. The former house on the estate has been turned into a nurses' home. The barns have been improved, and much of the milk and a large part of the vegetables used are raised on the place.

In 1906, starting with one employee, the department has grown until there are to-day 117 paid employees, besides the seven unpaid trustees.

Four hundred and fifty-seven thousand dollars has been appropriated by the City of Boston for buildings and equipment, which has practically all been expended. Since 1906 there has been appropriated for maintenance \$673,000.

On July 7, 1908, a day camp, hitherto maintained by the Boston Association for the Relief and Control of Tuberculosis, was taken over by the trustees and a building for this purpose constructed at Mattapan. This, in a way, can be said to be a deviation from the Board's policy not to care for any case but the strictly advanced; but the day camp was established at a time when this method was supposed to be one of the best ways to attack the problem. The trustees have felt that from an educational standpoint the day camp has been worth all it cost to maintain it, although whether it will remain a permanent feature in tuberculosis work is a matter of doubt.

From July 7, 1908, to January 31, 1912, 1,640 patients were treated at the day camp, with an average daily attendance the first year of 61, the second year of 95, the third year of 49 and this past year of 35, this decline being due to the establishment of new state hospitals and to other causes. Most of these day camp patients

were in the third stage of the disease, but of 1,583 cases discharged from the camp up to January 31, 1912, 648 were improved or "arrested"; 410 were found stationary and 525 were recorded as progressive.

From September 11, 1907, to January 31, 1912, 10,706 persons were examined at the Out-Patient Department at Burroughs place, of whom over 3,895 were found to have positive tuberculosis. During the same period 3,835 children under fifteen years were examined, of whom 586 were found to be tuberculous. During the second year 422 patients, too sick to be treated at the dispensary, were cared for by the nurses at their homes. On February 1 of this year the nurses were carrying 1,567 patients in their homes. The number of nurses' visits to the homes has increased from 30,609 the third year to 40,495 the fourth year and 48,179 to January 31 of this year.

From April 1, 1909, to January 31, 1912, 296 patients have been treated in the cottage wards at Mattapan, and from October 26, 1909, to January 31, 1912, 1,088 patients were treated in the pavilion hospital, making a total of 1,384 patients treated at the hospitals and cared for since these buildings were opened.

The manner in which the work of this Board is extending can readily be seen by reference to the report of our superintendent, in which is summarized the results of the various subdivisions of the hospital. Ward buildings, cottages and the Out-Patient Department are caring for an ever increasing number, while the day camp alone seems to be of service to a smaller number than formerly and this is undoubtedly because of the increase in permanent hospital accommodations. This growth is apparent when we consider that to-day there are in Boston 390 beds for consumptives as against 116 in 1905. We do not include in this number the patients housed in the tubercular wards of the Long Island Infirmary Hospital. Here, then, is an increase of over 336 per cent for which this department may justly claim most of the credit. Of the approximately 1,500 cases now in their homes and under the care of this hospital, our physicians estimate that 500 should be in a hospital; this takes no count of those cared for by other hospitals or by private physicians.

This year the trustees are to ask for an amount of money to secure still greater accommodations. Availing themselves of a law passed March 24, 1906, the

trustees have cared for approximately 1,300 patients in private hospitals since the law was passed, chiefly at the Holy Ghost Hospital and at St. Monica's Home. Under the law passed by the last Legislature and becoming operative in 1916, further payment to private hospitals must be discontinued and the entire housing and care must then be provided by our own institutions. Financially the city will be aided in this regard by the operation of the subsidy bill passed by a recent Legislature. We are at present entitled to possibly \$35,000 a year under this bill.

As this Board has been so insistent in urging upon our Board of Health and school authorities the necessity for a physical examination of all pupils in our schools, we would point out the need of an appropriation in the near future sufficiently large to afford accommodation for those whose defects we may be able to remedy.

Expert engineers have demonstrated to us that considerable sums could be saved annually were we permitted to install a plant for the manufacture of our own electricity. We would ask your respectful consideration of this question in the immediate future.

Since the publishing of our last report the Domestic Building has been opened and will do much towards relieving the unfavorable conditions under which many of our employees have been existing.

A laboratory should be very shortly equipped. This is one of the crying needs of our institution. Its presence will do more to stimulate high class scientific investigation than any one factor that could possibly be mentioned.

The cow barn is old and unsanitary. Money for a new modern tie-up, milk room, etc., is very much needed.

EDWARD F. MCSWEENEY.

MARGARET G. O'CALLAGHAN.

JAMES J. MINOT.

ISABEL F. HYAMS.

CHANDLER HOVEY.

JOHN F. O'BRIEN.

JOHN E. POTTS.

REPORT OF THE MEDICAL STAFF.

BOSTON, January 31, 1912.

To the Trustees of the Boston Consumptives' Hospital:

I have the honor to submit the report of the staff of the Boston Consumptives' Hospital for the year ending January 31, 1912.

The medical work of the year with respect to its organization and purposes has been conducted along the same lines as described in previous reports and has, I believe, from every point of view been satisfactory. It furnishes still further reasons for the various recommendations which have been repeatedly made in the past. The arrangements of services of the visiting staff have remained unchanged and the faithful work of all my associates is especially to be commended.

There has been abundant evidence that the importance of our undertaking is becoming more and more generally recognized both by the laity and the medical profession. Individual physicians as well as other institutions are constantly referring cases to the hospital and more than previously the Consumptives' Hospital is generally looked upon as the center of tuberculosis work in Boston.

Several papers have been published during the year by members of our staff based wholly or in part on work done in this department. They are as follows: Locke and Murphy, "Boston's Hospital School for the Care of Tuberculous Children"; Locke and Floyd, "The Study of Five Hundred Male Consumptives with Reference to the Economic Losses to the Community"; Floyd and Robinson, "Treatment of Pulmonary Tuberculosis by Means of Artificial Pneumothorax."

The general results of the economic study referred to above are of considerable interest as bearing on the expenditures made by this department.

The present study was undertaken with the purpose of gaining some definite idea of the total economic

losses to the community resulting from the disease among patients treated in the Boston Consumptives' Hospital during the first five years of its work. The cases selected were all male adults. In order to make the test as general as possible they were taken at random, covering the period from the first clinic day, September 11, 1907, to January 31, 1910. No selection was made, all cases which could be found and satisfactorily investigated being included. Each individual case was personally investigated with regard to all the points considered in this report by the out-patient nurses under the direction of Mrs. King, a trained social worker.

In a study of this kind it is obviously impossible to investigate all the elements which make up the total economic losses, and in consequence our results, we believe, represent the minimum. The cases included are for the most part individuals low in the economic scale, and such facts, therefore, as the expenses to the individual during illness are relatively insignificant since medical care and medicine were, as a rule, provided by public charity. Neither these nor the expenses incident to death are included.

The figures given apply only to the actual losses occurring during the course of the disease and terminating at the time of death of the individual. No account is taken of the potential losses covering a period represented by the mean expectation of life for each age and beginning at the time of death.

It is evident that in the case of those who have died the total actual loss can be determined, while for those still living the figures must be incomplete. We have, therefore, in all calculations separated the two, those for the living covering the period from the onset of the disease to April 30, 1911. The total group of 500 cases includes 244 dead and 256 living.

The actual losses naturally fall upon the community, the individual and the consumptive's family. Such a division is, of course, an arbitrary one and unsatisfactory, since the loss to the individual as well as to the family must also be regarded as an indirect loss to the community.

All cases were selected without reference to the stage of the disease at time of observation, but the final results are shown on the next page.

	Dead.	Living.	Total.
Stage 1.....	15	70	85
Stage 2.....	113	143	256
Stage 3.....	116	43	159
Totals.....	244	256	500

The statistics regarding the age at onset are given below:

AGE PERIOD.	Number Cases.	Percentage.
15-19.....	32	6.4
20-29.....	143	28.6
30-39.....	166	33.2
40-49.....	105	21.0
50-59.....	41	8.2
60-69.....	12	2.4
70 or over.....	1	.2
Total.....	500	100.0

These figures are in accordance with the generally accepted fact that pulmonary tuberculosis is especially prevalent in early adult life, or during the active working period. It will be seen that 28.6 per cent were between the ages of twenty and twenty-nine, 33.2 per cent between the ages of thirty and thirty-nine, or 61.8 per cent between the ages of twenty and thirty-nine. Eighty-nine and two-tenths per cent were under fifty. The average age of the 500 cases when the patient first came under observation was 34.85 years, and the average age at time of death of the 244 fatal cases, 36.21. The type of work done by the 500 men was exceedingly varied, being given under nearly 100 different heads.

LOSSES TO THE INDIVIDUAL.

The average duration of the disease in the 244 patients who died, as given in Table I., was approximately two years and one month, and of the 256 living May 1, 1911, two years and ten months. These averages are somewhat smaller than those ordinarily given, and it

cannot be questioned that our figures for the duration of the disease as given above are much too small. Among the fatal cases the longest duration of the disease was fifteen years, while in five cases it exceeded eight years. The greatest duration in the second group was thirty years. A second was given as fifteen and a third as twelve years. Ten cases gave a history of more than eight years.

Theoretically the time from onset of the disease until death may be divided into three periods as suggested by Price: First, working period or period of unimpaired earning capacity; second, period of partial disability, and third, period of complete disability. Among the poor, at least, nearly all sooner or later cease to be producers and wage earners, and become dependent on the state for support. Our figures show that a majority of the 500 cases investigated ultimately reached the stage of dependency.

Only sixty, or 13 per cent of the total number, passed through the period of partial working capacity, a fact which is readily explained by the pressure of necessity, which forces the individual to continue at his occupation until completely incapacitated. In consequence the consumptive of the working class usually passes directly from the first to the third period. A further explanation is also found in the difficulty which is commonly experienced in securing suitable work for the individual handicapped by tuberculosis. Perhaps also the fear of contagion may lead to discrimination against such unfortunates.

TABLE I.
Duration of Disease and Loss in Wages.

500 MALE CONSUMPTIVES.	Number.	Average Duration of Disease.	Number Giving up Work.	Average Time Onset to Com- plete Disability.	Average Time of Complete Dis- ability.	Average Rate of Wages Lost.	Total Loss in Wages.
Dead.....	244	Weeks. 98.82 To May 1, 1911.	244	Weeks. 39.89	Weeks. 58.03	Per Week. \$11.89	\$170,965
Living.....	256	145.38	251	56.08	89.30	11.38	255,074
Totals	500	.....	495	.....	.....	.....	\$426,039

Reference to Table I. shows that all of the 244 cases who died and 251 of the 256 living on May 1, 1911, finally reached a condition of complete disability. In the former group the average duration from the onset of the disease to giving up work was 39.89, in the latter 56.08 weeks. An examination of the individual cases shows variations within very wide limits, the maximum in a single case being twenty-seven years. While a few continued at their regular occupation for a considerable number of years, the majority worked but one or two years after the disease was diagnosed. Only twelve of the 500 cases worked for six years or longer after onset.

The average period of complete disability in the group of fatal cases was 58.03 weeks, and for the 251 living who stopped work, 89.30 weeks. It will be noted that in both instances the period of complete disability was of considerably longer duration than the working period. Another interesting fact is that the duration of the period of complete disability is less variable than in the case of the period of unimpaired working capacity. The longest recorded period in this series of fatal cases is ten years, and the second longest eight and one-half years, while but twenty-seven survived three years or longer and nineteen four or more years after entering this period. Seventy-seven of the total 495 who stopped work subsequently returned.

The rate of wages among the 500 patients, while ranging from two to thirty dollars per week, was with few exceptions surprisingly uniform. Sixty-one received six dollars or less per week, 104 more than six but less than ten dollars per week, and 355 ten or more dollars per week. The average rate of wages for the fatal cases was \$11.89 and for the living \$11.38, and the total wages lost, \$170,965 and \$255,074, respectively. Of the total \$426,039 lost, \$88,560 was contributed by the 27 cases who were unable to work for a period of three or more years. The maximum loss is shown in the case of a stonecutter who, after a short illness, was obliged to give up his regular work with wages of \$25 per week. His total loss in the past ten years, therefore, represents a total of \$13,000.

Losses to the Community Through Dependency.

Although every case was investigated personally by the visiting nurses and through the records of the

Associated Charities with reference to public or private aid, the results given are doubtless far from complete. Our records show a great variety of material assistance. The total figures are given in Table II.

TABLE II.
Public and Private Aid.

500 MALE CONSUMPTIVES.	Total Number.	Number Receiving Private Aid.	Number Receiving Public Aid.	Number in Public Institutions.	Average Length Stay (Weeks).	Average Total Cost.	Total Cost.
Dead.....	244	214	97	175	20.78	\$177.56	\$31,072
Living.....	256	192	88	151	33.00	284.18	42,912
Total.....	500	406	185	326	.....	.....	\$73,984

It will be seen that 214 (88 per cent) of the dead and 192 (75 per cent) of the living, or 406 of the total 500 cases (81 per cent), were given assistance from private sources. The exact figures for this form of aid in actual money alone aggregated an astonishing sum, and it is evident that could the amounts in each case be accurately determined the total would be appalling.

The number receiving public aid other than care in hospitals was much smaller, *i. e.*, 97 (39.3 per cent) of the dead and 88 (34 per cent) of the living, or a total of 185 (37 per cent). These figures, while probably very nearly representing the total number, cover such a great variety of forms that they cannot be combined and expressed as actual cost in dollars.

The most important and interesting figures in Table II. are those regarding the cost of maintenance in hospitals. These show, as in the case of private and public aid, a considerably higher percentage among the fatal cases, *i. e.*, 175, or 72 per cent, as compared with 151, or 59 per cent among the living. Three hundred and twenty-six, or 65 per cent of the total 500 cases, were cared for in public hospitals for varying periods.

The average length of stay of the 175 fatal cases was 20.78 weeks and the average total cost \$177.56, making

a total cost for the entire group of \$31,072. For the 151 living the figures are: average length of stay, 33 weeks; average total cost, \$284.18, and total cost, \$42,912, making a total cost for both groups of \$73,984. It should be borne in mind that this figure does not include allowance for the original cost of the hospital in any case, but only the regular average cost of maintenance. Were it possible to estimate the proportional cost of construction and to apply this in each instance to the above figures the final result would be very greatly augmented.

Taking the 17 cases showing the longest residence in public institutions, the total cost of maintenance alone is as follows: \$1,703, \$1,560, \$1,490, \$1,133, \$1,124, \$1,134, \$1,100, \$1,040, \$1,002, \$997, \$967, \$910, \$819, \$807, \$790, \$863, \$486.

LOSSES TO THE FAMILY.

Among all diseases tuberculosis undoubtedly occupies first place in its unfortunate influence on the family of the victim. Not only does the family suffer severely in many instances from losses of its members through death from the disease, but also to a very great degree from exhaustion of its material resources. The chain of unfortunate consequences to the individual seem to us secondary in importance to those of the family unit. These results are too well known to require illustration, but the figures given in Table III. furnish definite data of a very striking nature, showing especially the descent in the scale of economic welfare dependent on tuberculosis.

TABLE III.

Statistics of the Family.

Number without family or dependents	78
Number with family or dependents	422
Average number in family	4.39
Total weekly income families before onset of illness	\$6,807.29
Average weekly income families before onset of illness	\$17.50
Total weekly income families after disability of patient	\$3,055.60
Average weekly income families after disability of patient	\$7.86
Total number families without income after disability of patient	161
Total weekly income families of same group before disability of patient	\$1,877.75

It seems somewhat surprising that but 78, or 15.6 per cent, were without family or dependents, a fact

which indicates the far-reaching influence of the disease on others than the consumptive. The average number in the family of the remaining 422 cases was 4.39, which families alone represent 1,853 individuals necessarily more or less affected by the ill-health of the consumptive member. In 180 of these families the patient was the sole wage earner, and with comparatively few exceptions the contribution to the family income by other members was small. The direct result on the family income of the disability of the chief bread winner is well shown by the comparison of the total and average weekly income of the 422 families before the onset of illness and after the beginning of the stage of complete disability. In the first instance the total weekly income from all sources was \$6,807.29, or an average of \$17.50, while in the latter the total weekly income was only \$3,055.60, or an average of \$7.86, a decline of 65 per cent.

One hundred and sixty-one families were without income of any sort during the period of complete disability of the patient, while the total weekly income previous to this stage was \$1,877.75. In 90 families the burden of support was wholly or in part assumed by one or more other members, usually the wife, not previously working. A few families were found where the attempt was made to replenish the family treasury by taking lodgers. The reports on the home conditions which we have obtained have very generally indicated a more or less rapid descent of the family in the economic scale other than in the respects mentioned above.

DISCUSSION.

The foregoing tables show that the total losses in wages, together with the cost of care in public institutions, of the 500 consumptives represent an aggregate of \$500,023. Considering the fact that this figure does not include the cost of private or public aid other than hospital care, the numerous expenses incident to illness and death, or the potential loss occurring after death, its full significance is apparent.

For reasons stated earlier in this report, the series of 500 cases may, we believe, be accepted as typical of the male adults observed in the Out-Patient Department of the Boston Consumptives' Hospital. During the first five years of its existence, the period covered in this study, a little over 1,600 positive cases among males

of the working age were registered. On this basis, then, the total loss in wages and cost of hospital care represents more than a million and a half dollars. If to this could be added similar cost for the tuberculous women and children registered at the Out-Patient Department during the same period the figure would be greatly increased.

Even such a grand total represents but a small percentage of the total cost of tuberculosis in our dispensary cases since it does not include the loss to the community represented by the "capitalized value of the earnings cut off by death." Accepting Fisher's figure of \$5,600 as representing the minimum average value of each life cut off by tuberculosis, we find that the total potential loss in the small group of 244 fatal cases is approximately \$1,366,400.

The significance of these calculations when applied to the total of 3,066 cases treated in the Boston Consumptives' Hospital is evident. It cannot be doubted that the aggregate must represent many millions of dollars. It should further be emphasized that conservative estimate places the total number of consumptives in Boston at 15,000 as a minimum, or about three times the number treated in this institution.

The close study of the tuberculosis problem during recent years leaves no possible doubt that the most effective and important method of diminishing the ravages of the disease lies in the measures for prevention of its spread. Newsholme has especially shown that the most marked fall in the death-rate from consumption has occurred in those communities where the provisions for the isolation of the advanced cases have been proportionately greatest. The most prolific source of infection is the consumptive and it is only by removing him from his home and thus reducing the dangers to others associated with him that prevention can be brought about. The cost of the erection and maintenance of hospitals for the incurable in sufficient numbers to be effective, however, means enormous expenditures, and the question has naturally been asked, do the results justify such expenditures?

Such statistics as those given above furnish the best answer to this question. In these figures we find the most complete justification for the money already expended in the campaign in Boston. "From an economic point of view the investment in isolation

hospitals for incurables is at present probably the most profitable method of spending money for reducing the costs of tuberculosis." (Fisher.)

A. HOSPITAL, MATTAPAN.

With the opening of the new wards and the resulting large increase in the numbers of beds, the magnitude and importance of the work in the hospital at Mattapan has grown very materially. No noteworthy changes in the administration of the work of treating the patients have been made except in the case of the resident physician. Dr. McCarthy, who was appointed to fill the position April 16, 1910, resigned on December 31, 1911, to enter private practice and Dr. J. E. Overlander was appointed to fill the vacancy. Dr. McCarthy's long experience in hospital work and especially in the care of tuberculous patients particularly fitted him to give to the hospital exceptional service.

As formerly, the surgical cases have been under the care of Dr. Ehrenfried, and I cannot speak too warmly of his services to the hospital. A summary of the operations done shows that sixteen major operations were performed as well as a considerably larger number of minor ones. As a rule, however, the serious operative cases have been transferred to other hospitals for treatment. No facilities whatever have been made by the hospital for this important part of the work and it is an immediate necessity that an adequate equipment be provided. Under present conditions surgical work can be done with neither credit to the surgeon nor justice to the patient. The need for this special work in the future must of necessity increase. Not only will there be a natural increase in the number of surgical cases due to the growth of the hospital, but it should be a part of our program to make provisions for the tuberculous poor requiring surgical treatment which cannot be admitted to the wards of the general hospitals for acute cases.

It should be a matter of much satisfaction that one of the first successful attempts at intrathoracic insufflation anæsthesia was made in the hospital by Dr. Ehrenfried. The operation developed there is now being employed with more or less modification at the Boston City Hospital, the Massachusetts General Hospital and

others. Dr. Ehrenfried's technique of introducing the tube has been quite generally adopted.

Drs. Sullivan and Shay have as formerly performed the duties in the laryngological department with admirable skill and regularity.

The pathological work has continued to show a gradual growth and added demonstration has been given of its great importance to the clinical work. This is well shown by the figures for the entire period since the opening of the hospital wards. From October 26, 1909, to January 31, 1910, 6 autopsies were performed; during the next year, 37, and during the year just ended, 49.

Again I beg to bring to the attention of your Board the need for a well equipped laboratory for study and research. The peculiar character of our work, which is confined to the care of the advanced cases of tuberculosis, affords an unusual opportunity for pathological investigations.

1. *Pavilion Hospital*.—The number of patients remaining February 1, 1911, was 138, of whom 103 were males and 35 females. During the year just ended 397 men and 174 women, or a total of 571, were admitted, making a grand total of 709 of both sexes treated from February 1, 1911, to January 31, 1912. The average daily registration in the hospital was 131 patients. Comparison of the above figures with those of last year shows an increase of 50 per cent in the total number treated. On January 31, 1912, 139 patients, 103 males and 36 females, remained.

The sources from which the 709 cases came were: out-patient department, 657; cottage ward, 41; day camp, 5; other hospitals, 6. These figures are very significant, as indicating in a general way how completely the hospital is serving as the center of tuberculosis work in Boston. Of the total 709 cases treated, 22 were found to be non-tuberculous and were discharged as soon as possible. The stage of the disease in the remaining 687 cases was as follows:

Stage 1	12
Stage 2	83
Stage 3	586
Miliary tuberculosis	4
Tuberculosis, non-pulmonary	2
	687

Since the opening of the first pavilion, October 26, 1909, the percentage of third stage cases has steadily decreased, as shown by the figures by years:

	NUMBER CASES TREATED.		Percentage of Third Stage.
	Total.	Stage 3.	
October 26, 1909, to January 31, 1910.....	104	101	97
February 1, 1910, to January 31, 1911.....	466	428	92
February 1, 1911, to January 31, 1912.....	709	586	83

These figures are probably to be explained largely by the fact that with the increase in the number of beds in many instances a somewhat earlier stage of the disease has been admitted.

In the following table is given the disposition of the 570 discharged cases.

	Number
Discharged dead	239
Discharged to home	199
Transferred to cottage wards	118
Transferred to day camp	4
Transferred to State hospitals	7
Transferred to miscellaneous institutions	3
	570

The 239 discharged as dead represent 42 per cent of the total number discharged or 34 per cent of the total number treated during the year. Again, a comparison with similar figures for previous years is significant:

YEAR.	Percentage of Dead Among Total Discharged.	Percentage of Dead Among Total Treated.
1909-10.....	60	29
1910-11.....	54	38
1911-12.....	42	34

Considering the purpose of the hospital, namely, to treat the advanced cases so far as possible until death, determination of the statistics of those discharged home is of some importance. During the year 1909-10 the number discharged to their homes comprised

30 per cent of the total number discharged; the next year the percentage fell to 25, but for the year just ended the percentage rose to 35. Among the total number treated during the year 1909-10, 14 per cent were discharged to their homes; in 1910-11, 18 per cent, and in 1911-12, 28 per cent. The fact that during the past year between one-fourth and one-third of all patients ultimately returned home indicates that much more definite efforts should be made to induce patients to remain permanently in the hospital. As previously, many of those discharged to their homes were in a dying condition and were permitted to leave the hospital at the urgent request of their families who wished them to die at home. In all such instances this action was discouraged unless it seemed evident that the degree of infection in the homes would be at a minimum. All were visited and supervised after leaving the hospital by the visiting nurses from the Out-Patient Department.

Comparative figures for the past two years showing the average length of residence in the hospital of the various groups of discharged cases are as follows:

	YEAR. 1910-1911.	YEAR. 1911-1912.
All discharged cases.....	46 days	40 days
Those discharged dead.....	45 "	36 "
Those discharged to home.....	53 "	38 "
Those discharged to other institutions.....	39 "	33 "

This table gives added emphasis to what has been said above.

The 118 cases who were transferred to the cottage wards were all much improved and the relatively large number is consequently very gratifying.

2. *Cottage Wards.*—The number of patients remaining in the two cottage wards February 1, 1911, was 45, of whom 22 were men and 23 women, and during the year 60 men and 74 women were admitted, making a total for the year of 179. One hundred and eighteen were transferred from the pavilion hospital, 6 from the day camp, and 10 from outside sources.

Sixty were discharged during the year from the women's cottage and 73 from the men's cottage, leaving

22 in the former and 24 in the latter January 31, 1912. The record of the disposition of all discharged from both cottages is:

Dead	1
To pavilion hospital	52
Home	67
Day camp	8
Other institutions	5
	133

Our experience in treating the advanced cases in the open cottage wards continues to be surprisingly satisfactory. Even during the present very severe winter no hardships whatever seem to have been experienced by the patients. The wards are constantly open except for a half hour morning and evening for dressing and undressing, which virtually means that the patients are out of doors except when at meals for the entire twenty-four hours. In the case of both cottages the entire work is done by patients, thus reducing the cost of maintenance to a minimum. A comparison of the results of treatment obtained in the two types of wards is impossible, since those in the cottage are of a much more favorable type and usually less advanced. When due allowance is made for the fact that nearly all are in the third stage of the disease the improvement is very satisfactory. As last year, a considerable number left the cottage wards to resume work.

3. *Day Camp*.—On the first day of the year 33 males and 21 females were enrolled, while on the last day the numbers had fallen to 28 males and 13 females. In other words, the enrollment decreased during the year from 54 to 41 cases. During the year a total of 255 patients were admitted, 166 males and 89 females, making the total number treated in the day camp during the year 309. This is a decrease of 115, or 27 per cent from the previous year.

As previously the cases came largely from the Out-Patient Department, but a considerable number were referred to the camp by outside physicians and hospitals.

Stage of disease at entrance:

Stage I.	94
Stage II.	93
Stage III.	62
Non-tuberculous	6
	255

Two years ago 70 per cent of the cases treated were classed as third stage, last year 60 per cent, while for the year just ended only 24 per cent were of this class. This rapid reduction in the percentage of very advanced cases cared for in the camp is very satisfactory, it being in strict accordance with our plan to treat only relatively early ambulatory cases in this institution of the hospital. If now we consider only the total number of cases of the first and second stage admitted each year, we find the following: 1909-10, 193; 1910-11, 147, and 1911-12, 187.

From the above statistics the reason for the great decrease in the number of patients treated in the camp is evident and it seems to me to be in accordance with the best ideals. The number of first and second stage cases admitted during the past year was only six less than three years ago, when the figures show the largest attendance. In other words, the loss in numbers is almost solely due to the fact that the far advanced are no longer sent to the camp but to the hospital. Those in attendance during the past year have been only those whose condition made them suitable cases, and for this class there is no evidence of any diminution in the facilities needed.

The figures of length of stay in the camp show about the same as last year. Sixty-nine of the total 268 discharged remained less than one month; 72 less than two but more than one month, and 39 more than two but less than three months. Only 15 continued treatment at the camp more than six months.

Disposition of the discharged cases:

Home	155
Cottage wards	51
Pavilion hospital	12
State hospitals	23
Moved from state, unknown, etc.	27
	268

Condition at discharge:

Arrested	25
Improved	148
Unimproved	76
Stationary	18
Dead	1
	268

The above table as well as the general impression of the work gives every evidence of marked efficiency, and I believe this special branch of our hospital work is one of the most important.

B. OUT-PATIENT DEPARTMENT.

The work of this department has been continued along precisely the same lines as in previous years, and continues to hold the place of greatest importance. The only noteworthy change in the organization of the department is the appointment of two additional assistant physicians who are to visit home cases unable to go to the clinic for examination. These physicians are on duty throughout the year, each covering one half of the city. A request is sent the physician by the director of the clinic and a report made on special forms which are incorporated with the clinical history. This arrangement has added very materially to the efficiency of the work in following up home cases. Dr Cronin, of the out-patient staff, was on November 4, 1911, assigned to this work, and Dr. J. B. Lyons, of Charlestown, appointed on the same date. On November 4, 1911, Dr. H. Morrison, of Dorchester, was appointed as assistant physician to fill the vacancy made by the transfer of Dr. Cronin.

The special clinic for tuberculin treatment has been continued by Dr. Floyd one morning each week. From fifteen to twenty patients are usually present and the results have been very satisfactory. The most definite improvement is shown in the case of glandular tuberculosis.

The total attendance for the year was 8,504, of whom 2,033 were new cases and 6,471 old. Although the total is somewhat higher than last year (7,377), the number of new cases is slightly smaller (2,462). The total number of new cases by years is 1908-09, 2,433; 1909-10, 2,656; 1910-11, 2,462, and 1911-12, 2,033. Contrary to the natural inference from these figures, however, the work has grown materially as a constant effort is made to supervise the old cases which, in spite of the large number sent to various institutions and who die, is always increasing. During the past year Dr. Floyd has attempted, with the assistance of the nurses, to look up all cases recorded as "suspected" since the opening of the Out-Patient Department five years ago. This list comprises several thousand names. Although added

hospital facilities for sick patients are from time to time being made, they are still far from adequate, and many cases are in consequence being treated in their homes which should be in a hospital.

Attendance by months:

February, 1911	625
March, "	886
April, "	794
May, "	859
June, "	761
July, "	638
August, "	562
September, "	611
October, "	678
November, "	792
December, "	652
January, 1912	646

8,504

Table of age, sex, and diagnosis of 2,033 new cases:

	ADULTS.		CHILDREN.		Totals.
	Males.	Females.	Males.	Females.	
Tuberculosis	360	236	68	78	742
Suspected	113	125	86	125	449
Nontuberculous	141	122	254	296	813
Tuberculosis non-pulmonary . .	3	1	3	2	9
Insufficient records	20				20
Total					2,033

The percentage of actually tuberculous cases has remained very nearly the same year after year and, as previously, represents approximately 36 per cent of all new cases.

Table showing stage of disease in all positive cases:

CONDITION.	ADULTS.		CHILDREN.		Totals.
	Males.	Females.	Males.	Females.	
Stage I	45	85	19	36	185
Stage II	199	95	33	29	356
Stage III	116	56	16	13	201
Tuberculosis non-pulmonary . .	3	1	3	2	9
Totals	363	237	71	80	751

A total of 2,035 cases were examined in the laryngological room. The various conditions found are summarized as follows:

Nasal obstructions, deviations of septum, polypi, etc.	387
Chronic naso-pharyngitis	736
Enlarged tonsils and adenoids	357
Tuberculous laryngitis	109
Ear diseases, mainly catarrh	57
Cervical adenitis	112
Carious teeth	1,238

These figures clearly show the large amount of examination and treatment necessary. Later in this report a plea will be made as in previous years for enlarged accommodations for operations.

RECOMMENDATIONS.

Several new things in the nature of permanent equipment are greatly needed at the hospital at Mattapan and at the Out-Patient Department.

1. The most obvious need is for a children's building. Abundant demonstration of this is furnished by the experience in the Hospital School as given in previous reports and by the considerable number of tuberculous school children shown to exist by the investigation of the School Department. For the care or treatment of children suffering from tuberculosis practically no accommodations are at present provided in the city except for the few early cases received at the Wellesley Convalescent Home of the Children's Hospital and for acute surgical tuberculosis. Children, especially the very young, should not be treated in the pavilion hospital with adults as is at present done in a few instances.

How great the number is requiring hospital treatment cannot be stated, but I believe it to be considerable, and the number known at the Out-Patient Department indicates that a hospital of seventy-five beds can be readily filled. The greatest demand is felt for beds for those with advanced active disease. Tuberculosis of the bones and joints in the young is of as much importance as the pulmonary type and except in the acute stages these will not be accepted by other hospitals in the city. These are frequently surgical cases and the treatment of such conditions very properly comes within the province of the Consumptives' Hospital.

2. The surgical work among the patients at Mattapan has developed very rapidly and unquestionably many chronic surgical cases which cannot be admitted to other hospitals would be referred to us were the hospital properly equipped for such work. It is frequently necessary to send emergency cases to the Boston City Hospital for operative treatment, and such as are done in the pavilion are performed under conditions which to a considerable degree must jeopardize the patient's chances of relief. An operating room can also be used for laryngological operations.

3. The present laryngological room in the day camp building is inadequate and too far removed from the wards of the hospital. Those most needing treatment are apt to be the bed cases who are unable to leave the hospital to go to the camp. Satisfactory examination of the throat and larynx cannot be suitably done in the wards, and the examining room should be accessible to the wards in order that, when necessary, patients may be carried to the room.

4. The growth of the pathological work as indicated by the figures given above has been such as to make it no longer possible to have the work properly done except by a resident pathologist, as is the case in practically all large hospitals. Certain of the laboratory tests are also of a nature to be made satisfactorily only by a specially trained pathologist. It further seems reasonable that some scientific studies should be carried on in our hospital and for this a special laboratory and equipment are necessary.

5. The X-ray is now generally recognized as one of the most valuable methods of examination of the chest, and no tuberculosis hospital can be considered properly equipped without the facilities for X-ray examination. For the past three years we have continually sent a large number of patients from both the hospital and out-patient department to the Boston City Hospital for X-ray examination.

6. Earlier in the report I have discussed the unexpected success attending the treatment of advanced cases in the cottage wards. There is a constant demand from patients in the pavilion to be transferred to the cottage and we have found it possible to treat there, with few exceptions, all but the actual bed cases. The cost of maintenance of the cottage wards is reduced to a minimum, as the entire work is performed by the

patients and the first cost of construction is but a fraction of that of the pavilion type of wards. From every side continues to come evidence of the very urgent necessity for a large number of additional beds for advanced cases. The erection of two more cottage wards would add greatly to our hospital facilities.

7. Each year I have in the annual report called attention to the needs of a permanent out-patient building, and at present there is more urgent need than ever before. It is impossible longer to do efficient work with the existing equipment. Not only is the plant inadequate for the present program of work, but increasing opportunities will soon force us to expand.

In consideration of the above needs I respectfully recommend that immediate provisions be made for the following:

1. *A children's building at Mattapan to accommodate seventy-five children.*
2. *An operating room in the pavilion hospital.*
3. *A laryngological examining room in the pavilion hospital.*
4. *A well-equipped pathological laboratory.*
5. *A salaried resident pathologist.*
6. *An X-ray equipment both at Mattapan and at the out-patient department.*
7. *A salaried visiting physician to X-ray.*
8. *Two additional cottage wards.*
9. *A new out-patient building.*

Respectfully submitted,

EDWIN A. LOCKE,
Chief of Staff.

REPORT OF SUPERINTENDENT.

To the Trustees of the Consumptives' Hospital:

The year's work in the various departments is presented in the following figures:

At the Out-Patient Department 8,504 patients were treated. This number includes 2,032 new patients. The nurses made 48,179 visits in patients' homes. In addition to 8,504 patients treated at the clinics, 425 patients too ill to leave their homes were treated in the home.

At Mattapan there were 183 ward patients, February 1, 1911; on February 1, 1912, there were 185. During the year 587 patients were admitted, 240 died and 345 were discharged. During the year 255 patients were admitted to Day Camp and 267 were discharged or transferred, and one died. The Day Camp shows a slight loss over last year, due to the increase in hospital accommodations provided by city and state. The average daily attendance for the year was 35 as compared with 49 last year. The patients at Day Camp are limited to those whose family relations and responsibilities render quite impossible their constant attendance in the hospital. They also represent a class who show in the main benefit from this treatment.

On January 1, 1912, Dr. Francis P. McCarthy resigned as Resident Medical Officer to enter private practice, after nearly two years of faithful service. Dr. John E. Overlander assumed the duties as his successor on January 1, 1912.

The Out-Patient work has continued splendidly under the still existing conditions of cramped quarters. All have cooperated under the conditions and much good work has been accomplished. By the addition of two assistant physicians to the staff, the entire attention of two men has been devoted to the sick ones in the home. This is of the greatest benefit and concentrates the effort of physician and nurse immediately in the home.

By an agreement with the landlord, who assumed part of the expense, the entire building has been painted inside.

A rearrangement of rooms has been made and it is hoped that this will prove useful, even though no additional quarters have been provided.

Diminution of numbers at the clinics will not solve the problem of crowding, as intensive work is always being extended. On January 1, 1912, the work was extended to include Hyde Park and one nurse was added to the nursing staff to cover this new district.

We have looked forward to the time when the new Domestic-Administration Building would be in use, and many of the hardships incident to the work of administration were made light of in the anticipation of easier and more satisfactory work under the new conditions. The inevitable delay and disappointment which one meets in all buildings has not escaped in this building. We have slowly moved into the new quarters and in a month's time expect to be fully installed. The joy of the employees who have labored so zealously and faithfully under the old conditions is unbounded under the new. In consequence of these new conditions of work other officers, such as druggist, baker, butcher, etc., will be needed, but will be economical additions because of saving in these departments.

The refrigeration machine installed recently will prove of much benefit and is an economical addition. During the hot wave of last summer, in addition to the regular work, all ice used in the department was hauled by our team and handled by our men, as the ice company was unable to deliver, because of lack of teams and men. Coming in a time of intense heat, when labor was scarce, it proved a severe hardship. Under present conditions we shall be free from such dependencies.

The time has arrived when the installation of machinery for the making of electric current would be an economical investment.

The demands during the year for quarters for children has slowly but persistently increased, and I have been compelled to devote our small ward in Pavilion B to this work. I feel that these children should not be quartered on the same floor with adults, but should be separated, and I look forward eagerly toward a children's building.

The work in the home would amount to little were relief measures not possible. There has resulted much

benefit because of the prompt and generous responses of public and private charities.

We have tried to fulfill our mission and whatever success obtained is due to the faithful, conscientious cooperation of all the officers connected with the work and your hearty support and advice.

SIMON F. COX, *Superintendent.*

SUPERINTENDENT OF NURSES' REPORT.

TO SIMON F. COX, M. D., *Superintendent*:

During the past year 4,188 patients were carried by the nurses on the district. Four hundred and twenty-five of these were too sick to report to clinic and were in most cases sent to the hospital. Forty-eight thousand one hundred and seventy-nine visits were made by the nurses. There are at present twenty-one districts. Three nurses were appointed during the year, two to fill vacancies occasioned by resignation of nurses who were taking other positions,—namely, Superintendent of Nurses in the Tuberculosis Work in Columbus, Ohio, and Nurse and Social Worker in factory work.

The taking over of Hyde Park necessitated appointing a nurse in that district. During our one month in Hyde Park all cases reported to the Hyde Park Board of Health in the last five years have been looked up. Out of these 113 cases, 62 had died, some had moved or were not found, and 7 have been taken into the hospital at Mattapan, and the nurse started the new year, February 1, 1912, with 14 patients. The co-operation with the doctors and churches is very necessary for the success of the work in the new district.

The total number of days lost during the year by the nurses through illness were 68.

As in former years the Brookline Anti-Tuberculosis Guild, the Needlework Guild of America, and the Women's Christian Temperance Union Fruit and Flower Mission have remembered us in providing clothing and dainties for the Boston Consumptives' Hospital patients. A number of other donations were received from private individuals. Throughout the year close cooperation with private and public charities has continued and found to be very helpful.

In conclusion, I would thank the nurses for their faithful and loyal work and the visiting staff for their valuable advice.

Respectfully submitted,

ZEPHA M. GARDNER,

Superintendent of Nurses.

DONATIONS.

MRS. WALTER C. BAILEY.

Shirtwaists	2	Cushion cover	1
Kid gloves	1 pair	Blue silk dressing gown . .	1

ALL SAINTS' MISSION, PETERBORO, N. H.

Blue blouses (boys) . . .	3	Dress skirt	1
White suit (boys) . . .	1	Stockings	3 pairs
Plaid dresses	3	White baby wrapper . . .	1
Plaid dress	1	Silk carriage blanket . . .	1
Flannel shirt (man) . . .	1	Leather belts	2
Women's coat	1	Baby dresses	3
Ferris waist	1	Pinning blankets	3
Gray flannel nightgown . .	1	Bands	3
Cotton shirts	2	Baby blankets	3
Shirtwaist	1	Gingham dresses	2
Girl's coat	1	Neckties	6
Boys' trousers	2 pairs	Woolen gloves	2
Misses' suit	1	Girl's coat	1
Sailor suit	1	Outing flannel night-	
Dressing sacques	2	gowns	3
White shirt	1	Baby wrappers and	
Boys' underdrawers . . .	7 pairs	sacques	2
Boys' vests	4	Plaid woolen dresses . . .	1
Blue suit (man's size) . .	1	Girl's blue coat	1
Gray suit (man's size) . .	1	Large overcoat	1

A FRIEND.

4 pairs Men's shoes.

MRS. KING, SAILORS' HAVEN.

Flannelette nightgowns . .	4	Stockings	3 pairs
Slips	4	White kid boots	1 pair
Petticoats	4	White silk bonnet	1
Sheets	4	Gingham dresses	3
Diapers	16	Drawers	3 pairs
Pieces of diaper cloth . .	2	Hat	1
Infants' dresses	4	Corsets	1 pair
Shirts	2	Boys' suit	1
Pinning blankets	2		

MRS. A. D. CHASE, 4 LOWELL ROAD, CONCORD.

Collars	7	Napkin	1
Stockings	10 pairs	Pajama suits	3
Ladies' coats	2	Pitcher	1
Shirtwaist	1	Handkerchiefs	6
Picture	1	Emb. collar and cuff set,	1
Wrapper	1		

MRS. M. S. MARONI, SAN FRANCISCO, CAL.

Diapers	6	Baby blankets	2
Pieces castile soap . . .	6	Flannelette wrappers . . .	5
Rompers	1 pair	Flannelette jackets . . .	4
Dressing jacket	1	Bundle of ribbon	

BROOKLINE ANTI-TUBERCULOSIS SOCIETY.

Children's sweaters . . .	2	Outing flannel petti-	
Cushions and covers . .	2	coats	4
Women's undervest . . .	2	Girl's dress with bloomers,	1
Outing flannel night-		Children's nightgowns . .	2
gowns	4	Men's shoes	1 pair

BROOKLINE ANTI-TUBERCULOSIS SOCIETY.—*Concluded.*

Children's shoes	2 pairs	Mittens or gloves	11 pairs
Overshoes	1 pair	Wristers	1 pair
Blue cap	1	Knit shirts	2 pairs
Men's flannel suits	5	Tights	1 pair
Drawers	2 pairs	Leggins	1 pair
Shirts	6	Knit jackets	1 pair
Women's union suits	4	\$23 for blankets.	
Women's flannel suits	6	Flannel nightgowns	40
Flannel suits, children	4	Skirts	12
Union suits, children	5	Wrapper	1
Shirts, children	2	Pajamas	2 pairs
Shirts, babies	2	Dressing sacque	1
Stockings	22 pairs	Sweater	1
Socks	9 pairs	Barrel second hand	
Slumber socks	3 pairs	clothes	1

Flowers from Knight estate.

Flowers from Manchester Flower Mission.

Lewis Sears, 1206 Morton street, magazines.

Miss Perkins, Concord, Mass., seven woolen carriage blankets for babies.

Miss Thacher, Alleghany street, Roxbury, magazines.

Mrs. Seeley, 50 Commonwealth avenue, five knit woolen petticoats.

FRUIT AND FLOWER MISSION.

Thanksgiving baskets for 100 people.

Christmas baskets for 100 people.

A friend, \$5.

Mrs. Robert Gould Shaw, \$20.

Mrs. George Mumford, children's books and games.

NEEDLEWORK GUILD OF AMERICA.

Women's union suits	4	Women's flannel	
Women's night dresses	4	drawers	2 pairs
Stockings	4 pairs	Women's stockings	10 pairs
Petticoats	2	Women's night dresses	2
Men's socks	11 pairs	Women's flannel petti-	
Men's undershirts	2	coats	2
Men's drawers	4 pairs	Comforters	2
		Blankets	1 pair

MRS. WM. BUNTING, BROOKLINE.

Overcoats	2	Shirts	6
Suit	1	Shoes	1 pair
Pants	1 pair	Collars	6
Vest	1	Ties	6

BENEVOLENT COMMITTEE, FIRST PARISH CHURCH, DORCHESTER.

Shirts	6	Drawers	15 pairs
Boys' shirts	5	Waists and drawers	9
Pillow cases	9	Aprons	6

Mrs. Laura Sanford, 53 Rockwell street, Dorchester, Secretary Dorchester Women's Club, nine hoods.

Rev. J. P. M. Schleuter, Holy Trinity Church Rectory, 14 Cobb street, Boston, magazines.

Ella M. B. Hayes, Gilbert Stuart School, Dorchester, magazines, crayons, etc.

FINANCIAL REPORT OF THE CONSUMPTIVES' HOSPITAL DEPARTMENT, MATTAPAN.

SCHEDULE I.

Detail of Expenses.

ADMINISTRATION EXPENSES.

Salaries, officers and clerks	\$8,566 50
Printing	515 38
Transportation	379 40
Cartage	379 94
Telephone	363 15
Library	174 10
Postage	156 31
Messenger and telegraph	90 57
Advertising	16 50

Total administration expenses	\$10,641 85
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PROFESSIONAL CARE OF PATIENTS.

Salaries and wages	\$16,551 63
Medical supplies	4,402 54
Apparatus and instruments	1,319 02
Laboratory:	
Salaries	\$500 00
Supplies	10 03
	510 03
Alcohol and liquors	74 42
Patients in hospitals	32,770 91

Total professional care of patients	55,628 55
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DEPARTMENT EXPENSES.

Housekeeping:		
Salaries	\$3,563 13	
Supplies	4,862 24	
		\$8,425 37
Farm:		
Salaries	\$2,340 00	
Supplies	4,148 74	
		6,488 74
Kitchen:		
Salaries	\$2,247 13	
Supplies	381 28	
		2,628 41
Laundry:		
Salaries	\$1,967 74	
Supplies	244 50	
		2,212 24
Ambulance:		
Salaries	\$652 00	
Supplies	1,197 46	
		1,849 46

Carried forward	\$21,604 22	\$66,270 40
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CONSUMPTIVES' HOSPITAL DEPARTMENT. 35

<i>Brought forward</i>	\$21,604 22	\$66,270 40
Automobile supplies	912 86	
Steward's department:		
Meat and fish	8,559 93	
Milk	6,844 76	
Groceries	5,297 41	
Butter and eggs	4,184 65	
Bread	1,763 54	
Fruits and vegetables	696 37	
Total department expenses		49,863 74

GENERAL HOUSE AND PROPERTY EXPENSES.

Maintenance, machinery and tools:		
Salaries	\$4,986 17	
Supplies	7,380 50	
		\$12,366 67
Maintenance, real estate	5,353 52	
Electric lighting	2,977 20	
Rents	788 63	
Fuel	680 73	
Ice	554 14	
Insurance	413 14	
Plumbing	339 97	
Gas	77 14	
Water rates	24 08	
Total general house and property expenses		23,575 22
Total operating expenses for Mattapan		\$139,709 36

CAPITAL EXPENSES.

Repairs	\$5,199 74	
New boiler	3,132 70	
Furniture and furnishings	2,731 54	
Household, kitchen and dining room equipment, ...	1,022 00	
Machinery	552 40	
Electric lighting and instruments	125 00	
Total capital expenses for Mattapan		12,763 38
Total capital and operating expenses for Mattapan		<u>\$152,472 74</u>

OUT-PATIENT DEPARTMENT.

Administration Expenses.

Transportation	\$680 80	
Salaries, officers and clerks	523 33	
Printing	474 04	
Library	312 51	
Telephone	252 22	
Postage	82 22	
Messenger and telegraph	17 70	
Cartage	11 98	
Total administration expenses		\$2,354 80

PROFESSIONAL CARE OF PATIENTS.

Salaries and wages	\$24,926 32	
Medical supplies	640 51	
<i>Carried forward</i>	\$25,566 83	\$2,354 80

<i>Brought forward</i>	\$25,566 83	\$2,354 80
Apparatus and instruments	60 38	
Equipment for nurses	12 26	
Alcohol and liquors	6 30	
		25,645 77

DEPARTMENT EXPENSES.

Housekeeping:		
Salaries	\$939 00	
Supplies	56 64	
		\$995 64
Laundry:		
Salaries	\$175 00	
Supplies	40 98	
		215 98
Steward's department:		
Milk		2,106 00
Butter and eggs		7 25
Fruits and vegetables		5 00
Bread		4 80
Total department expenses		3,334 67

GENERAL HOUSE AND PROPERTY EXPENSES.

Rents	\$2,497 00	
Gas	244 99	
Fuel	178 32	
Water rates	60 00	
Ice	25 01	
Plumbing	15 99	
Maintenance, real estate	7 10	
Total general house and property expenses		3,028 41
Total operating expenses for Out-Patient Department		<u>\$34,363 65</u>

SCHOOL.

Administration Expenses.

Cartage	\$127 45	
Transportation	16 84	
Telephone	3 90	
Total administration expenses		\$148 19

PROFESSIONAL CARE OF PATIENTS.

Salaries and wages	\$150 00	
Medical supplies	5 30	
Total professional care of patients		155 30

DEPARTMENT EXPENSES.

Housekeeping:		
Salaries	\$175 01	
Supplies	5 38	
		\$180 39
Kitchen salaries		70 00
Laundry salaries		20 00
Steward's department:		
Meat and fish		142 18
Milk		117 92
<i>Carried forward</i>	\$530 49	\$303 49

<i>Brought forward</i>	\$530 49	\$303 49
Butter and eggs	28 85	
Bread	25 66	
Fruits and vegetables	13 88	
Total department expenses		598 88

GENERAL HOUSE AND PROPERTY EXPENSES.

Electric lighting	\$45 70	
Plumbing	22 05	
Fuel	5 70	
Ice	1 50	
Total general house and property expenses		74 95
Total operating expenses for school		\$977 32

CAPITAL EXPENSES.

Clothing	\$81 70	
Total capital expenses for school		81 70
Total capital and operating expenses for school		<u>\$1,059 02</u>
Grand total capital expenses		\$12,845 08
Grand total operating expenses		175,050 33
Grand total capital and operating expenses		<u>\$187,895 41</u>

SCHEDULE II.

Income.

Sale of medicines	<u>\$277 05</u>
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SCHEDULE III.

SUMMARY OF EXPENDITURES.	APPROPRIATION AND INCOME.
Administration expenses..... \$13,144 84	Appropriation..... \$188,000 00
Professional care of patients..... 81,429 62	Income..... 277 05
Department expenses..... 53,797 29	
General house and property expenses... 26,678 58	
Total operating expenses..... \$175,050 33	
<i>Capital Expenditures.</i>	
Mattapan capital expenses.. \$12,763 38	
School capital expenses..... 81 70	
Total capital expenses..... 12,845 08	
Balance unexpended..... 381 64	
Total..... \$188,277 05	Total..... \$188,277 05

BUILDINGS AND EQUIPMENT.

Balance of appropriation	<u>\$373 52</u>
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EXPENDITURES.

Building	\$372 82
Balance unexpended	70
Total	<u>\$373 52</u>

COMPLETION OF SECOND WARD.

Appropriation	<u>\$10,000 00</u>
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EXPENDITURES.

Building	\$8,835 16
Balance unexpended	1,164 84
Total	<u>\$10,000 00</u>

COTTAGE WARD FOR WOMEN.

Appropriation	<u>\$15,000 00</u>
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EXPENDITURES.

Building	\$14,998 58
Balance unexpended	1 42
Total	<u>\$15,000 00</u>

DOMESTIC BUILDING.

Appropriation	<u>\$100,000 00</u>
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EXPENDITURES.

Building	\$85,164 60
Balance unexpended	14,835 40
Total	<u>\$100,000 00</u>

HOSPITAL FOR CONSUMPTIVES.

Balance of appropriation	<u>\$53,046 41</u>
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EXPENDITURES.

Buildings	<u>\$53,046 41</u>
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TABLES SHOWING COST PER PATIENT PER DAY IN THE SEVERAL DEPARTMENTS.

SCHOOL.

General operating expenses	\$977 32
School proportion of administration expenses	53 21

Total operating expenses	<u>\$1,030 53</u>
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Total days treatment	984 days
Cost per patient per day	\$1 04+

NOTE.— The school was closed February 1, 1911.

OUT-PATIENT DEPARTMENT.

Clinical Patients.

General operating expenses	\$6,858 46
Proportion of administration expenses	425 68
Total operating expenses	<u>\$7,284 14</u>
Total patients visits	8,504
Cost per patient visit	85 + cents

Home Visiting and Nursing.

General operating expenses	\$27,433 83
Proportion of administration expenses	1,702 70
Total operating expenses	<u>\$29,136 53</u>
Total home visits	48,179
Cost per visit	60 cents

SCHEDULE SHOWING AVERAGE COST PER PERSON PER DAY AT MATTAPAN.

Wards:		
Total general expenses	\$69,333 55	
Proportion administration expenses	6,014 78	
		<u>\$75,348 33</u>
Day camp:		
Total general expenses	\$8,666 69	
Proportion administration expenses	751 84	
		<u>9,418 53</u>
Cottage ward:		
Total general expenses	\$18,296 36	
Proportion administration expenses	1,587 22	
		<u>19,883 58</u>
Total		<u>\$104,650 44</u>
Total patient days		72,674
Average cost per patient per day		\$1 44

NOTE.— The day camp attendance is included in above.

TABLE SHOWING COST FOR EACH DEPARTMENT AT MATTAPAN.

Wards:	
Total operating expenses	<u>\$75,348 33</u>
Patient days	43,332
Cost per patient per day	\$1 73 +
Day camp:	
Total operating expenses	<u>\$9,418 53</u>
Patient days	13,439
Cost per patient per day	70 cents +
Cottage ward:	
Total operating expenses	<u>\$19,883 58</u>
Patient days	15,903
Cost per patient per day	\$1 25

**TABLE SHOWING COST OF PROVISIONS PER PERSON
PER DAY.**

Total cost of provisions at Mattapan \$33,030 96

Total patient and officer days 99,632

Cost of food per person per day 33 cents

NOTE.—\$5,684.30 of farm cost is included as a food cost.

**COST PER PATIENT PER DAY IN BEDS HIRED IN PRIVATE
HOSPITALS.**

Patients in hospitals:

Cost at different rates per week \$32,770 91

Proportion of administration expenses 106 42

Total \$32,877 33

Average cost per patient per day \$1 14 +

NOTE.—These patients are treated in beds in private hospitals and in the majority of cases laundry is not included.

Patients in Outside Beds February 1, 1911, to February 1, 1912.

	Males.	Females.	Totals.
Remaining February 1, 1911.....	45	37	82
Admitted during year.....	65	71	136
Totals.....	110	108	218
Discharged.....	48	45	93
Died.....	20	26	46
Totals.....	68	71	139
February 1, 1912.			
Remaining.....	42	37	79



ANNUAL REPORT
OF THE
ELECTION DEPARTMENT

FOR THE YEAR ENDING JANUARY 31, 1912.

BOSTON, March 19, 1912.

HON. JOHN F. FITZGERALD,
Mayor of the City of Boston:

SIR,—In compliance with section 24 of chapter 3 of the Revised Ordinances, the Board of Election Commissioners respectfully submits its annual report.

NUMBER OF VOTERS.

At the city election held January 10, 1911, the number of male voters on the list was 110,223. The number of such voters on the first list published by the Board, June 1, 1911, was 99,445. From that time to the close of registration for the city election there were added the names of 12,967 male voters, including 3,053 in Ward 26 (Hyde Park). The number of male voters on the final list sent to the polls on the day of the city election held January 9, 1912, was 111,352, an increase of 2,189.

There were 11,269 female voters registered for the city election in 1911. There were 12,255 female voters registered for the city election in 1912, including 314 in Ward 26 (Hyde Park), an increase of 986.

The total increase of male and female voters from the preceding city election was 3,175.

REVISION OF THE VOTING LIST.

The names of 1,060 voters were stricken from the voting list by reason of death, removal from the city and other causes. This is the largest number of names stricken from the list in any year since the establishment of the Election Board.

POLICE LISTING.

There seems to be no good reason why the listing of male residents, which is the foundation of the voting list, should close in Boston on September 1.

Before the police listing act was passed a person could be assessed in this city throughout the month of September, the law providing that in Boston no person should be assessed later than the first of October. Even this arbitrary date was an exception to the general law of the Commonwealth, for in every other city or town in the state a person could be supplementarily assessed, in order to vote, up to the close of registration.

The police listing act, which became a law in 1903, provided that supplementary listing should close September 1, a month earlier than the close of the supplementary assessment. It is a well known fact that a great many persons are away from the city at the time such listing closes. We accordingly recommend that the time for such listing be extended at least to October 1.

ELECTION OFFICERS.

The election officers for the city have performed their duties for the current year in a satisfactory manner. We desire to call attention, however, to what we consider a defect in the law relative to election officers, and to suggest a remedy. The law now provides that in the absence of a warden or clerk, who are, in a sense, the executive officers of the precinct, the voters of the precinct by hand vote shall fill the vacancy. The election of a new man, who as a general rule is entirely unacquainted with the duties of warden or clerk, to fill a vacancy caused by the absence of either, is a detriment to the efficiency of the other election officers of that particular precinct.

We recommend, therefore, that if a warden or clerk is absent the eldest senior inspector fill the vacancy, and that the voters of the precinct by hand vote elect an inspector.

HYDE PARK.

Chapter 469 of the Acts of 1911, entitled "An Act to Annex the Town of Hyde Park to the City of Boston," was accepted by a majority of the registered voters of Boston and Hyde Park voting thereon at the state election held November 7, 1911.

The town of Hyde Park, as it was formerly known, now constitutes a ward of Boston, called Ward 26. Said act provided that the Board of Election Commissioners shall, between the first day of July and the first day of October in the year 1912, make a new general registration of the qualified male voters of Ward 26. Every male person of said ward who possesses the qualifications of a voter must, in order to have his name on the voting list for the current year, present himself for registration at the places and hours which will later be determined by the Election Commissioners and prove his qualifications as a voter.

In accordance with the recommendation of the Election Commissioners the City Council has divided Ward 26 into seven precincts, and a map of this division is now being prepared under the direction of the Board of Street Commissioners.

NEW PRECINCTS.

In addition to the division of Ward 26 into seven precincts the City Council has, following the recommendation of the Election Commissioners, made a new division of Ward 23 into fourteen precincts and of Ward 25 into ten precincts, and has changed the lines of Precinct 2 and Precinct 7 of Ward 10. Maps of these divisions are also being prepared under the direction of the Board of Street Commissioners. The City of Boston now contains 221 voting precincts.

COMPLAINTS OF ILLEGAL REGISTRATION.

There were complaints of illegal registration made against seven voters on the ground that they did not reside on April 1 in the wards in which they were registered, but resided in other wards of Boston. After

hearing, being satisfied that although they were voters of Boston they were incorrectly registered, and after determining the wards in which they should have been registered, the Election Commissioners changed their places of residence on the voting list accordingly.

VOTING BOOTHS.

A large number of voting booths were no longer necessary for the use of this department, owing to the fact that the Election Commissioners now use about eighty-nine basements in schoolhouses as polling places.

By authority of his Honor Mayor John F. Fitzgerald the following number of iron voting booths were transferred to other departments of the city without payment therefor:

Public Works Department	14
Park Department	8
Consumptives' Hospital Department	5
Health Department	4
Public Grounds Department	3
Schoolhouse Department	3
Bath Department	2
Hospital Department	1
Fire Department	1
Sanitary Division (Public Works Department)	1
	42

Having received authority according to the following order, the Election Commissioners sold by auction sale thirty-two booths to various persons:

Ordered, That the Board of Election Commissioners be and hereby is authorized to sell at public auction, at an upset price of not less than twenty-five dollars each, certain iron voting booths which are no longer required for the purposes of the Election Department.

A check for \$1,129.89 was received from the auctioneer and transmitted to the City Collector on May 17, 1911.

JURORS.

One of the duties of the Election Commissioners is the preparation of a list of the inhabitants of Boston liable to serve as jurors. This duty has been performed

in a manner commensurate with its importance. A provisional list was first selected from every part of the city, including men of varied occupations. This provisional list was then investigated both by the police and by this department for the purpose of excluding persons who were unfit for jury service. The list which was finally adopted contains, in our opinion, men of reputation, character and fitness for such service.

MEMBERSHIP OF THE BOARD.

The term of Melanthon W. Burlen, Esq., expired March 31, 1911, and he was reappointed for the term of four years ending March 31, 1915, and was approved by the Civil Service Commission. He immediately assumed the duties of his office.

John M. Minton, Esq., was designated by the Mayor as chairman of the Board of Election Commissioners and member of the Listing Board.

ESTIMATE FOR THE ENSUING YEAR.

In a communication to his Honor the Mayor we submitted our expenses as estimated for the ensuing year, giving itemized statement of same, which showed that the amount of \$150,298 would be necessary.

EXPENSES OF THE DEPARTMENT.

Salaries, commissioners:

John M. Minton	\$4,000 00	
Melanthon W. Burlen	3,500 00	
Alpheus Sanford	3,500 00	
Edward A. McLaughlin	3,500 00	
		\$14,500 00

Assistant registrars	\$46,805 22	
Election officers	31,046 00	
		77,851 22

Printing voting lists, ballots for elections, nomination papers, office blanks, etc.	\$20,917 46	
Postage	377 86	
		21,295 32

Repairing and fitting up polling places, including schoolhouses . .	\$7,800 13	
Transportation of booths	1,390 12	
		9,190 25

<i>Carried forward</i>			\$122,836 79
----------------------------------	--	-------	--------------

<i>Brought forward</i>	\$122,836 79	
Carriage hire for primary and elections	\$3,308 95	
Car and ferry fares	52 39	
		3,361 34
Janitors for polling places and registration places	\$2,261 50	
Lighting booths while on streets	1,752 52	
		4,014 02
Rent of storehouse and lots for booths and land for locations of polling places, primary and elections		3,121 92
Stationery and books		1,573 68
Advertising		1,137 72
Carting furniture, ballot boards and posting sample ballots, posters of locations of polling places, Refreshments for employees, police officers and hackmen, primary and elections		980 35
Furnishings and supplies (oil, lamps, lanterns, globes, wicks and hardware)		750 65
Telephones		399 59
Repairs of and equipment for ballot boxes		268 04
Fuel and light (coal, wood, gas and electric light),		106 60
Constables' services		189 47
Messenger service		53 68
		32 80
		<u>\$138,826 65</u>

ELECTION STATISTICS.

The following pages show in tabulated form the number of persons listed, registered male and female voters and the votes cast in Boston at the state primary and the state and city elections.

INVENTORY.

An inventory of the property of the department is also included in the following pages.

Respectfully submitted,

JOHN M. MINTON,
MELANCTHON W. BURLIN,
ALPHEUS SANFORD,
EDWARD A. McLAUGHLIN,
Board of Election Commissioners.

TABULATED STATEMENT OF THE NUMBER
OF LISTED MALE RESIDENTS, REGIS-
TERED MALE AND FEMALE VOTERS AND
PERSONS WHO VOTED IN EACH VOTING
PRECINCT, TOGETHER WITH THE NUM-
BER OF VOTES CAST FOR EACH CANDI-
DATE AT THE

STATE PRIMARY	SEPTEMBER 26, 1911.
STATE ELECTION	NOVEMBER 7, 1911.
CITY ELECTION	JANUARY 9, 1912.

ELECTION DEPARTMENT.

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Male Residents, April 1, 1911, as Returned by Listing Board, April 18, 1911.

[illegible]

Supplementary Police Listing, 1911.

WARDS.	PRECINCTS.																Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	
1.....	1	2	1	7	2	4	2	3	.....	.....	.....	.....	.....	.....	.....	.....	22
2.....	2	1	7	7	6	3	4	5	.....	.....	.....	.....	.....	.....	.....	.....	33
3.....	1	5	2	3	4	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18
4.....	1	3	2	5	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
5.....	2	6	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
6.....	5	2	1	5	8	8	1	3	.....	.....	.....	.....	.....	.....	.....	.....	33
7.....	5	5	7	6	11	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46
8.....	3	6	9	11	3	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38
9.....	11	7	4	7	3	6	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
10.....	1	2	4	4	10	3	12	8	10	.....	.....	.....	.....	.....	.....	.....	54
11.....	10	3	4	4	6	1	2	5	11	.....	.....	.....	.....	.....	.....	.....	46
12.....	10	9	2	17	7	8	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
13.....	2	4	7	6	4	6	4	6	.....	.....	.....	.....	.....	.....	.....	.....	39
14.....	2	1	.....	1	2	2	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	12
15.....	2	9	6	7	3	3	3	2	.....	.....	.....	.....	.....	.....	.....	.....	35
16.....	1	4	4	2	.....	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
17.....	6	.....	2	3	4	2	5	6	5	.....	.....	.....	.....	.....	.....	.....	33
18.....	3	4	5	5	15	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
19.....	3	2	3	2	4	4	4	2	2	.....	.....	.....	.....	.....	.....	.....	26
20.....	4	.....	1	.....	2	2	3	1	3	1	6	.....	1	3	3	2	32
21.....	2	.....	1	1	3	2	4	5	2	4	1	.....	.....	.....	.....	.....	25
22.....	3		2	6	3	3	1	1									19
23.....	4	1	1	1	1	2		3									13
24.....	1				3			1	1	5		5					16
25.....	3	1	3		2	8	3										20
Total.....																	761

ELECTION DEPARTMENT.

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Male Residents, April 1, 1911 (Including Supplementary List), as Returned by
Listing Board.

RDS.	PRECINCTS.																Totals.	
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
...	642	626	891	901	999	1,152	1,244	1,346	863	.....	.....	.....	.....	.....	.....	.....	8,664	
...	952	686	842	832	707	726	1,488	1,153	.....	.....	.....	.....	.....	.....	.....	.....	7,386	
...	615	694	663	810	813	554	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,149	
...	588	683	800	631	596	632	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,930	
...	769	840	680	461	790	688	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,228	
...	1,721	1,851	1,862	1,845	2,062	779	1,796	1,394	.....	.....	.....	.....	.....	.....	.....	.....	13,310	
...	730	1,128	1,484	1,264	1,034	796	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,436	
...	1,468	2,296	1,411	1,819	1,679	1,713	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,386	
...	1,680	1,499	1,397	1,250	1,547	1,250	796	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,419	
...	838	782	947	781	726	1,020	1,241	1,599	1,452	.....	.....	.....	.....	.....	.....	.....	9,386	
...	1,132	1,235	1,151	842	434	326	463	483	1,172	.....	.....	.....	.....	.....	.....	.....	7,238	
...	1,469	1,086	920	1,552	1,216	1,463	1,087	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,793	
...	908	775	811	787	879	785	806	765	.....	.....	.....	.....	.....	.....	.....	.....	6,516	
...	1,022	869	583	780	966	785	868	1,103	.....	.....	.....	.....	.....	.....	.....	.....	6,976	
...	569	854	771	596	694	694	987	716	.....	.....	.....	.....	.....	.....	.....	.....	5,881	
...	668	1,066	1,379	1,165	1,083	940	1,352	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,653	
...	887	644	755	1,030	683	633	963	1,300	806	.....	.....	.....	.....	.....	.....	.....	7,701	
...	989	1,104	1,148	1,422	1,051	1,357	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,071	
...	1,172	710	971	933	739	998	926	1,072	1,040	.....	.....	.....	.....	.....	.....	.....	8,561	
...	1,033	1,054	1,168	944	1,209	1,052	1,040	1,041	1,068	1,054	1,071	1,003	1,031	1,027	1,345	1,043	17,183	
...	879	749	775	800	908	763	882	791	672	690	878	520	.....	.....	.....	.....	9,307	
...	1,233	1,151	820	1,322	1,181	832	844	1,088	.....	.....	.....	.....	.....	.....	.....	.....	8,471	
...	574	1,120	827	1,352	1,479	1,388	1,013	912	599	.....	.....	.....	.....	.....	.....	.....	9,264	
...	830	883	970	813	821	718	850	1,388	1,264	1,034	827	1,086	.....	.....	.....	.....	11,484	
...	1,378	1,072	1,112	1,066	885	1,524	1,156	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,193	
Total.....																		207,586

Registered Male Voters on First Printed List, June 1, 1911.

[illegible]

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Registered Male Voters, State Primary, 1911.

[illegible]

Number of Members of Each Political Party Enrolled in Each Voting Precinct.

(AS BY CHECK LISTS USED AT STATE PRIMARY, 1911.)

WARD 1.	Democratic.	Democratic Progressive.	Republican.	WARD 4.	Democratic.	Democratic Progressive.	Republican.
Precinct 1.....	80	1	97	Precinct 1.....	164	1	9
" 2.....	47	1	113	" 2.....	97		18
" 3.....	106		214	" 3.....	145		23
" 4.....	131		132	" 4.....	132		13
" 5.....	201		78	" 5.....	126		5
" 6.....	251	1	24	" 6.....	67		10
" 7.....	266	1	83				
" 8.....	361		98	Totals.....	731	1	78
" 9.....	172	4	82				
Totals.....	1,615	8	921				
WARD 2.				WARD 5.			
Precinct 1.....	226		15	Precinct 1.....	116		31
" 2.....	168		4	" 2.....	202		22
" 3.....	236		14	" 3.....	122		2
" 4.....	201		12	" 4.....	66	1	20
" 5.....	209	1	12	" 5.....	183	1	13
" 6.....	221		34	" 6.....	133	1	8
" 7.....	410		18				
" 8.....	250	1	13	Totals.....	822	3	96
Totals.....	1,921	2	122				
WARD 3.				WARD 6.			
Precinct 1.....	133		40	Precinct 1.....	97		5
" 2.....	226	2	9	" 2.....	107		36
" 3.....	250		16	" 3.....	145		16
" 4.....	298		7	" 4.....	122		16
" 5.....	266		9	" 5.....	141	1	19
" 6.....	244		7	" 6.....	59		40
				" 7.....	154		11
Totals.....	1,417	2	88	" 8.....	103		19
				Totals.....	928	1	162

**Number of Members of Each Political Party Enrolled in Each
Voting Precinct.**

(AS BY CHECK LISTS USED AT STATE PRIMARY, 1911.)

WARD 7.	Democratic.	Democratic Progressive.	Republican.	WARD 10.	Democratic.	Democratic Progressive.	Republican.
Precinct 1.....	35	.....	11	Precinct 1.....	76	.....	31
" 2.....	78	2	18	" 2.....	36	1	59
" 3.....	179	.....	13	" 3.....	32	1	61
" 4.....	152	2	37	" 4.....	22	.....	65
" 5.....	222	.....	5	" 5.....	15	.....	61
" 6.....	162	1	3	" 6.....	15	.....	80
Totals.....	828	5	87	" 7.....	22	.....	182
				" 8.....	47	.....	146
				" 9.....	28	3	185
				Totals.....	293	5	870
WARD 8.				WARD 11.			
Precinct 1.....	216	.....	5	Precinct 1.....	44	.....	91
" 2.....	191	.....	14	" 2.....	46	1	29
" 3.....	151	.....	68	" 3.....	69	.....	74
" 4.....	250	.....	11	" 4.....	43	.....	153
" 5.....	173	.....	18	" 5.....	22	.....	128
" 6.....	230	.....	20	" 6.....	8	.....	75
Totals.....	1,211	.....	136	" 7.....	13	.....	113
				" 8.....	9	.....	137
				" 9.....	33	1	187
				Totals.....	287	2	987
WARD 9.				WARD 12.			
Precinct 1.....	288	.....	19	Precinct 1.....	86	2	141
" 2.....	331	.....	7	" 2.....	40	1	137
" 3.....	218	.....	2	" 3.....	134	1	51
" 4.....	313	.....	8	" 4.....	151	3	123
" 5.....	200	3	40	" 5.....	92	1	95
" 6.....	187	.....	53	" 6.....	300	.....	29
" 7.....	236	.....	8	" 7.....	306	4	19
Totals.....	1,773	3	137	Totals.....	1,109	12	595

Number of Members of Each Political Party Enrolled in Each Voting Precinct.

(AS BY CHECK LISTS USED AT STATE PRIMARY, 1911.)

WARD 13.				WARD 16.			
	Democratic.	Democratic Progressive.	Republican.		Democratic.	Democratic Progressive.	Republican.
Precinct 1.....	231	.....	7	Precinct 1.....	146	1	11
" 2.....	203	.....	3	" 2.....	293	.....	14
" 3.....	143	.....	9	" 3.....	422	1	37
" 4.....	254	.....	8	" 4.....	159	1	62
" 5.....	253	.....	12	" 5.....	163	2	52
" 6.....	209	.....	7	" 6.....	91	.....	101
" 7.....	278	1	11	" 7.....	224	.....	36
" 8.....	248	.....	8				
Totals.....	1,819	1	65	Totals.....	1,498	5	313

WARD 14.				WARD 17.			
Precinct 1.....	333	.....	24	Precinct 1.....	218	1	10
" 2.....	371	.....	8	" 2.....	285	.....	5
" 3.....	232	.....	15	" 3.....	169	.....	45
" 4.....	225	.....	40	" 4.....	290	1	65
" 5.....	251	.....	48	" 5.....	270	.....	10
" 6.....	189	3	44	" 6.....	232	1	1
" 7.....	292	1	45	" 7.....	389	.....	7
" 8.....	306	.....	42	" 8.....	470	.....	24
				" 9.....	275	1	24
Totals.....	2,199	4	266	Totals.....	2,598	4	191

WARD 15.				WARD 18.			
Precinct 1.....	152	.....	5	Precinct 1.....	248	.....	24
" 2.....	377	1	3	" 2.....	142	.....	51
" 3.....	284	.....	5	" 3.....	81	2	62
" 4.....	227	.....	11	" 4.....	165	.....	51
" 5.....	325	.....	23	" 5.....	368	2	14
" 6.....	234	.....	28	" 6.....	356	.....	36
" 7.....	288	1	35				
" 8.....	253	1	27	Totals.....	1,360	4	238
Totals.....	2,140	3	137				

Number of Members of Each Political Party Enrolled in Each Voting Precinct.

(AS BY CHECK LISTS USED AT STATE PRIMARY, 1911.)

WARD 23.				WARD 25.			
	Democratic.	Democratic Progressive.	Republican.		Democratic.	Democratic Progressive.	Republican.
Precinct 1.....	99	.....	121	Precinct 1.....	161	.....	78
" 2.....	339	.....	32	" 2.....	39	.....	115
" 3.....	236	.....	17	" 3.....	27	.....	146
" 4.....	272	1	50	" 4.....	101	.....	20
" 5.....	217	.....	116	" 5.....	129	.....	59
" 6.....	116	1	157	" 6.....	110	.....	125
" 7.....	74	.....	193	" 7.....	175	.....	69
" 8.....	66	.....	204	Totals.....	742	.....	612
" 9.....	102	.....	35	Grand totals...	35,534	99	12,549
Totals.....	1,521	2	925				
WARD 24.							
Precinct 1.....	152	.....	63				
" 2.....	150	.....	62				
" 3.....	116	.....	133				
" 4.....	102	.....	146				
" 5.....	92	1	208				
" 6.....	133	.....	150				
" 7.....	78	2	147				
" 8.....	132	.....	174				
" 9.....	94	.....	119				
" 10.....	94	.....	176				
" 11.....	117	.....	149				
" 12.....	132	.....	123				
Totals.....	1,392	3	1,650				

DEMOCRATIC VOTES CAST AT
STATE PRIMARY,
SEPTEMBER 26, 1911.

Democratic Votes Cast at State Primary, 1911.
FOR GOVERNOR.

WARD 7.			WARD 10.			
	EUGENE N. FOSS.	THOMAS L. HISEN.		EUGENE N. FOSS.	THOMAS L. HISEN.	All Others.
Precinct 1.....	33	2	Precinct 1.....	67	2	.....
" 2.....	68	3	" 2.....	32	4	.....
" 3.....	165	10	" 3.....	27	2	.....
" 4.....	116	7	" 4.....	20	3	.....
" 5.....	185	9	" 5.....	14		.....
" 6.....	126	7	" 6.....	13	2	.....
Totals.....	693	38	" 7.....	20	2	.....
			" 8.....	42	3	.....
			" 9.....	22	4	.....
			Totals.....	257	22	.....
WARD 8.			WARD 11.			
Precinct 1.....	208	4	Precinct 1.....	36	3	.....
" 2.....	182	6	" 2.....	41	3	.....
" 3.....	149	1	" 3.....	54	6	.....
" 4.....	228	3	" 4.....	32	4	1
" 5.....	150	14	" 5.....	18	1	.....
" 6.....	207	8	" 6.....	8		.....
Totals.....	1,124	36	" 7.....	13	1	.....
			" 8.....	6		1
			" 9.....	30	2	.....
			Totals.....	238	20	2
WARD 9.			WARD 12.			
Precinct 1.....	210	18	Precinct 1.....	74	3	.....
" 2.....	260	15	" 2.....	34	2	.....
" 3.....	147	8	" 3.....	111	9	.....
" 4.....	231	13	" 4.....	130	10	.....
" 5.....	160	15	" 5.....	77	2	.....
" 6.....	158	14	" 6.....	160	15	.....
" 7.....	186	14	" 7.....	254	10	.....
Totals.....	1,352	97	Totals.....	840	51	.....

Democratic Votes Cast at State Primary, 1911.

FOR GOVERNOR.

WARD 13.	EUGENE N. FOSS.	THOMAS L. HISGEN.	WARD 16.	EUGENE N. FOSS.	THOMAS L. HISGEN.
Precinct 1.....	191	13	Precinct 1.....	130	8
" 2.....	163	13	" 2.....	203	22
" 3.....	113	7	" 3.....	381	15
" 4.....	213	13	" 4.....	133	14
" 5.....	204	19	" 5.....	151	6
" 6.....	165	18	" 6.....	72	11
" 7.....	227	13	" 7.....	185	15
" 8.....	211	12			
Totals.....	1,487	108	Totals.....	1,255	91
WARD 14.			WARD 17.		
Precinct 1.....	266	12	Precinct 1.....	174	5
" 2.....	288	22	" 2.....	232	21
" 3.....	200	15	" 3.....	169	7
" 4.....	189	12	" 4.....	241	21
" 5.....	208	19	" 5.....	235	5
" 6.....	129	13	" 6.....	190	8
" 7.....	240	12	" 7.....	328	17
" 8.....	250	24	" 8.....	398	9
			" 9.....	242	9
Totals.....	1,770	129	Totals.....	2,209	102
WARD 15.			WARD 18.		
Precinct 1.....	125	10	Precinct 1.....	198	16
" 2.....	316	22	" 2.....	115	14
" 3.....	240	10	" 3.....	63	6
" 4.....	197	10	" 4.....	134	14
" 5.....	285	17	" 5.....	312	15
" 6.....	197	21	" 6.....	300	10
" 7.....	251	9			
" 8.....	220	17			
Totals.....	1,831	116	Totals.....	1,122	75

Democratic Votes Cast at State Primary, 1911.
FOR GOVERNOR.

WARD -19.	EUGENE N. FOSS.	THOMAS L. HISGEN.	ALL OTHERS.	WARD 21.	EUGENE N. FOSS.	THOMAS L. HISGEN.	ALL OTHERS.
Precinct 1.....	300	14	.....	Precinct 1.....	78	10	.....
" 2.....	195	10	.....	" 2.....	99	4	.....
" 3.....	319	15	.....	" 3.....	83	5	.....
" 4.....	319	17	.....	" 4.....	62	6	.....
" 5.....	145	6	.....	" 5.....	75	4	.....
" 6.....	187	16	.....	" 6.....	52	4	.....
" 7.....	400	20	.....	" 7.....	91	7	.....
" 8.....	364	13	.....	" 8.....	54	2	1
" 9.....	222	16	.....	" 9.....	64	3	.....
Totals.....	2,451	127	.....	" 10.....	55	4	.....
WARD 20.				" 11.....	57	5	.....
Precinct 1.....	146	7	.....	" 12.....	76	1	.....
" 2.....	143	7	.....	Totals.....	846	55	1
" 3.....	161	7	1				
" 4.....	129	11	1	WARD 22.	EUGENE N. FOSS.	THOMAS L. HISGEN.	
" 5.....	249	20	.....				
" 6.....	93	11	.....	Precinct 1.....	179	9	
" 7.....	91	7	.....	" 2.....	233	12	
" 8.....	75	4	.....	" 3.....	172	5	
" 9.....	90	7	.....	" 4.....	105	3	
" 10.....	75	2	.....	" 5.....	139	13	
" 11.....	79	10	.....	" 6.....	55	3	
" 12.....	82	7	.....	" 7.....	68	3	
" 13.....	91	6	.....	" 8.....	144	11	
" 14.....	212	7	.....	Totals.....	1,095	59	
" 15.....	72	11	.....				
" 16.....	130	4	.....				
Totals.....	1,918	128	2				

Democratic Votes Cast at State Primary, 1911.
FOR GOVERNOR.

WARD 23.			WARD 25.			
	EUGENE N. FOSS.	THOMAS L. HIGGEN.		EUGENE N. FOSS.	THOMAS L. HIGGEN.	All Others.
Precinct 1.....	77	7	Precinct 1.....	126	17	.....
" 2.....	291	9	" 2.....	36	1	.....
" 3.....	200	5	" 3.....	25	1	.....
" 4.....	249	9	" 4.....	82	6	.....
" 5.....	178	15	" 5.....	111	10	.....
" 6.....	96	12	" 6.....	91	12	.....
" 7.....	65	6	" 7.....	145	12	.....
" 8.....	60	3				
" 9.....	94	2	Totals.....	616	59	.....
Totals.....	1,310	68	Grand totals..	29,676	1,874	5

WARD 24.		
Precinct 1.....	119	12
" 2.....	121	11
" 3.....	100	6
" 4.....	84	6
" 5.....	83	6
" 6.....	117	9
" 7.....	68	2
" 8.....	111	17
" 9.....	80	10
" 10.....	86	3
" 11.....	105	4
" 12.....	118	6
Totals.....	1,192	92

Democratic Votes Cast at State Primary, 1911.

FOR LIEUTENANT
GOVERNOR.

FOR SECRETARY.

WARDS.	DAVID I. WALSH.	All Others.	WARDS.	FRANK J. DONAHUE.	EDWARD O. SKELTON.	All Others.
1.....	1,242	.....	1.....	1,013	157	.....
2.....	1,302	.....	2.....	1,110	155	.....
3.....	1,130	1	3.....	785	347	.....
4.....	607	.....	4.....	495	104	.....
5.....	680	1	5.....	555	95	.....
6.....	571	.....	6.....	352	273	.....
7.....	604	.....	7.....	509	77	.....
8.....	946	.....	8.....	326	749	.....
9.....	1,194	1	9.....	1,029	171	.....
10.....	250	.....	10.....	215	45	.....
11.....	239	1	11.....	185	50	1
12.....	864	.....	12.....	743	105	1
13.....	1,385	.....	13.....	1,256	119	.....
14.....	1,722	.....	14.....	1,498	185	.....
15.....	1,721	.....	15.....	1,478	190	.....
16.....	1,235	.....	16.....	1,078	160	.....
17.....	1,944	.....	17.....	1,629	274	.....
18.....	967	.....	18.....	760	133	.....
19.....	2,220	.....	19.....	1,930	231	.....
20.....	1,898	1	20.....	1,552	332	.....
21.....	834	.....	21.....	683	146	.....
22.....	1,040	.....	22.....	863	163	.....
23.....	1,219	.....	23.....	1,014	202	.....
24.....	1,176	.....	24.....	966	190	.....
25.....	623	.....	25.....	551	83	.....
Totals.....	27,613	5	Totals.....	22,575	4,736	2

Democratic Votes Cast at State Primary, 1911.
FOR TREASURER. **FOR AUDITOR.**

WARDS.	AUGUSTUS L. THORNDIKE.		WARDS.	CHARLES B. STRECKER.	
		All Others.			All Others.
1.....	1,062	.....	1.....	1,020	.....
2.....	1,090	.....	2.....	1,058	.....
3.....	976	.....	3.....	929	.....
4.....	504	.....	4.....	493	.....
5.....	572	.....	5.....	554	.....
6.....	457	.....	6.....	440	.....
7.....	493	.....	7.....	474	.....
8.....	847	.....	8.....	825	.....
9.....	1,010	.....	9.....	979	.....
10.....	227	.....	10.....	222	.....
11.....	214	1	11.....	216	1
12.....	738	.....	12.....	720	.....
13.....	1,148	1	13.....	1,087	.....
14.....	1,483	.....	14.....	1,389	.....
15.....	1,428	.....	15.....	1,392	.....
16.....	923	.....	16.....	1,074	.....
17.....	1,619	.....	17.....	1,562	.....
18.....	840	.....	18.....	827	.....
19.....	1,881	.....	19.....	1,815	.....
20.....	1,663	2	20.....	1,622	.....
21.....	754	.....	21.....	736	.....
22.....	881	.....	22.....	851	.....
23.....	855	1	23.....	1,030	.....
24.....	1,021	.....	24.....	1,007	.....
25.....	548	.....	25.....	520	.....
Totals.....	23,234	5	Totals.....	22,842	1

Democratic Votes Cast at State Primary, 1911.

FOR ATTORNEY-GENERAL.

WARDS.	GEORGE W. ANDERSON.	JOSEPH J. LEONARD.	All Others.
1.....	759	409	.....
2.....	732	451	.....
3.....	696	379	.....
4.....	329	237	.....
5.....	314	332	.....
6.....	455	148	.....
7.....	279	295	.....
8.....	887	140	.....
9.....	430	737	.....
10.....	155	99	.....
11.....	163	68	2
12.....	408	422	.....
13.....	664	595	.....
14.....	908	637	.....
15.....	836	706	.....
16.....	650	535	1
17.....	885	908	.....
18.....	435	507	.....
19.....	900	1,206	.....
20.....	1,032	803	.....
21.....	419	406	.....
22.....	473	576	.....
23.....	520	779	.....
24.....	572	555	.....
25.....	322	253	.....
Totals.....	14,223	12,183	3

FOR COUNCILOR.

Second District.

[The balance of this district comprises the First Bristol and the First and Second Norfolk Senatorial Districts.]

WARDS.	HENRY J. DIXON.	All Others.
20.....	1,397	1
21.....	608	2
23.....	910	1
24.....	894	.....
Totals.....	3,809	4

Third District.

[The balance of this district comprises Wards 1, 2, 3 and 4 in Cambridge.]

WARDS.	JOHN QUINN, JR.	All Others.
2.....	1,183	.....
3.....	1,077	.....
4.....	540	.....
5.....	654	.....
6.....	502	.....
7.....	657	.....
8.....	870	.....
9.....	1,087	1
12.....	733	.....
13.....	1,266	1
14.....	1,562	.....
15.....	1,539	.....
16.....	1,130	.....
17.....	1,680	.....
18.....	832	.....
19.....	1,925	.....
22.....	903	.....
Totals.....	18,140	2

Democratic Votes Cast at State Primary, 1911.

FOR COUNCILOR.

Fourth District.

[The balance of this district comprises Chelsea, Revere, Winthrop and the Second, Third and Fourth Middlesex Senatorial Districts.]

WARDS.	EDWARD P. BARRY.	EDWARD B. JAMES.	CHARLES E. BURRELL.	All Others.
1.....	8	.....	.....	16
10.....	2	.....	.....	4
11.....	1	.....	20	20
25.....	7	7	.....	24
Totals.....	18	7	20	64

Democratic Votes Cast at State Primary, 1911.

FOR SENATORS.

First Suffolk District.

[The balance of this district comprises Chelsea, Revere and Winthrop.]

	Ward 1.	Total.
Edward J. Grainger.....	1,070	1,070

Second Suffolk District.

[The balance of this district comprises Wards 1, 2 and 3 of Cambridge.]

	Ward 2.	Ward 3.	Ward 4.	Ward 5.	Totals.
James A. Hatton.....	1,120	1,102	601	687	3,510
All others.....	—	3	—	1	4

Third Suffolk District.

[The balance of this district comprises Ward 4 of Cambridge.]

	Ward 6.	Ward 7.	Ward 8.	Totals.
Joseph P. Lomasney.....	520	548	993	2,061
All others.....	2	—	1	3

Fourth Suffolk District.

	Ward 9.	Ward 12.	Ward 17.	Totals.
Timothy F. Callahan.....	705	474	1,340	2,519
Thomas M. Joyce.....	993	567	1,172	2,732

Fifth Suffolk District.

	Ward 10.	Ward 11.	Ward 25.	Totals.
Patrick W. Moriarty.....	31	—	—	31
George H. McDermott.....	—	—	22	22
William F. Humphrey.....	—	—	18	18
All others.....	8	36	31	75

Sixth Suffolk District.

	Ward 13.	Ward 14.	Ward 15.	Ward 16.	Totals.
James F. Powers.....	1,323	1,634	1,641	1,120	5,718
All others.....	5	1	1	5	12

Seventh Suffolk District.

	Ward 18.	Ward 19.	Ward 22.	Totals.
John J. O'Hare.....	364	1,303	565	2,232
James P. Timilty.....	910	1,471	602	2,983

Eighth Suffolk District.

	Ward 20.	Ward 21.	Totals.
Edward W. Burns.....	244	52	296
Robert P. Clarkson.....	581	289	870
John J. Cummings.....	345	52	397
Terence F. Feely.....	85	34	119
Pierce J. Grace.....	81	89	170
Edward H. Pinkham.....	338	335	673
Charles V. Russell.....	361	44	405

Ninth Suffolk District.

	Ward 23.	Ward 24.	Totals.
John J. Hoar.....	441	765	1,206
Francis J. Horgan.....	942	468	1,410
All others.....	2	1	3

Democratic Votes Cast at State Primary, 1911.
FOR REPRESENTATIVES IN GENERAL COURT.

First District.

[Entitled to Two.]

	Ward 1.
Thomas C. Carr.....	56
Daniel N. Generson.....	69
Thomas J. Giblin.....	676
Thomas A. Niland.....	480
Theodore L. Sorenson.....	346
Benjamin F. Sullivan.....	773
John J. Walsh.....	337
George H. Walters.....	41
All others.....	1

Second District.

[Entitled to Two.]

	Ward 2.
Michael J. Brophy.....	938
James J. Collins.....	113
John J. Douglass.....	457
John J. Kearney.....	438
Salvatore Maffei.....	56
Dennis A. O'Neil.....	452
Joseph H. Pendergast.....	744

Third District.

[Entitled to Two.]

	Ward 3.
James J. Brennan.....	670
Michael L. Fahey.....	640
John J. McCormack.....	126
Cornelius J. Murphy.....	78
William J. Murray.....	779
All others.....	1

Fourth District.

[Entitled to Three.]

	Ward 4.	Ward 5.	Totals.
James H. Brennan.....	564	694	1,258
Patrick B. Carr.....	569	618	1,187
James I. Green.....	578	600	1,178
All others.....	—	1	1

Sixth District.

[Entitled to Two.]

	Ward 6.
Vincent Brogna.....	538
John A. Flaherty.....	202
Walter A. McNeil.....	81
Francis D. O'Donnell.....	569
Dominick Raggio.....	141

Seventh District.

[Entitled to One.]

	Ward 7.
William A. H. Crowley.....	372
John L. Donovan.....	434

Eighth District.

[Entitled to Two.]

	Ward 8.
Adolphus M. Burroughs.....	857
Martin M. Lomasney.....	996

Democratic Votes Cast at State Primary, 1911.
FOR REPRESENTATIVES IN GENERAL COURT.

Ninth District.

[Entitled to Two.]

Ward 9.

Daniel L. Connolly.....	726
Isaac Gordon.....	894
Joseph Leonard.....	1,144
All others.....	1

Tenth District.

[Entitled to Two.]

Ward 10.

John J. Foley.....	204
George A. Perkins.....	168

Eleventh District.

[Entitled to Two.]

Ward 11.

Joseph L. Frothingham.....	14
All others.....	30

Twelfth District.

[Entitled to Two.]

Ward 12.

George T. Daly.....	583
Daniel J. Danahy.....	94
James W. Hayes.....	452
Thomas F. Jones.....	56
James J. Murphy.....	579

Thirteenth District.

[Entitled to Two.]

Ward 13.

Leo F. McCullough.....	1,122
James J. Moynihan.....	499
William L. V. Newton.....	561
William J. Sullivan.....	743

Fourteenth District.

[Entitled to Two.]

Ward 14.

Thomas J. Casey.....	701
John F. Hardy.....	94
William P. Hickey.....	963
John J. Murphy.....	807
John Troy.....	281
Robert J. Ware.....	773

Fifteenth District.

[Entitled to Two.]

Ward 15.

John J. Creed.....	951
William E. Hickey.....	808
John J. Lydon.....	865
Michael J. Reidy.....	956

Sixteenth District.

[Entitled to Two.]

Ward 16.

John H. Carr.....	719
John F. McCarthy.....	785
John D. McGivern.....	821
Stefan Plehowicz.....	110

Democratic Votes Cast at State Primary, 1911.
FOR REPRESENTATIVES IN GENERAL COURT.

Seventeenth District.

	[Entitled to Two.]	Ward 17.
Albert J. Connell.....		437
John D. Connors.....		1,442
William P. Grady.....		982
William P. O'Brien.....		1,386
All others.....		1

Eighteenth District.

	[Entitled to Two.]	Ward 18.
Daniel Francis Cronin.....		535
Edward Emmet McGrath.....		531
Michael F. O'Brien.....		528
Frank J. O'Toole.....		312
James A. Watson.....		414
All others.....		1

Nineteenth District.

	[Entitled to Two.]	Ward 19.
Timothy J. Ahearn.....		1,154
Louis T. Lutzio.....		80
James McInerney.....		1,317
P. Joseph McManus.....		1,043
William H. Sullivan.....		1,211

Twentieth District.

	[Entitled to Three.]	Ward 20.
Joseph A. Cahalan.....		809
James Frank Eagan.....		1,075
Louis A. Foley.....		1,223
James A. McElaney, Jr.....		1,194
Daniel H. McNeil.....		461
All others.....		2

Twenty-first District.

	[Entitled to Two.]	Ward 21.
Joseph Bernard Aigen.....		429
Edward E. Ginsburg.....		252
James T. Kenney.....		734
All others.....		1

Twenty-second District.

	[Entitled to Two.]	Ward 22.
James F. Griffin.....		888
Hugo Hornig.....		155
James P. Maguire.....		832
William J. Miller.....		192

**Democratic Votes Cast at State Primary, 1911.
FOR REPRESENTATIVES IN GENERAL COURT.**

Twenty-third District.

[Entitled to Two.]

Ward 23.

Francis M. Cummings.....	554
George Leo Fleming.....	194
John W. McCormack.....	434
William M. McMorrow.....	882
Ward D. Prescott.....	510
Richard H. Robinson.....	60
All others.....	1

Twenty-fourth District.

[Entitled to Three.]

Ward 24.

Jeremiah E. Connor.....	443
Frederick L. Corcoran.....	399
Thomas P. Curtin.....	531
Cornelius J. Desmond.....	224
Frank A. Lawler.....	460
William H. O'Brien.....	495
John J. Reilly.....	604
All others.....	2

Twenty-fifth District.

[Entitled to Two.]

Ward 25.

Thomas F. J. Callahan.....	516
Allen Clark.....	401
William H. Woods.....	282

Democratic Votes Cast at State Primary, 1911.

FOR CLERK SUPREME JUDICIAL COURT.

Suffolk County.

WARDS.	JOHN F. CRONIN.	WALTER F. FREDERICK.	All Others.
1.....	763	387	.....
2.....	793	381	.....
3.....	810	241	1
4.....	446	130	.....
5.....	474	162	.....
6.....	459	127	.....
7.....	437	131	.....
8.....	945	88	.....
9.....	742	368	.....
10.....	163	85	.....
11.....	117	114	.....
12.....	573	169	.....
13.....	1,054	195	.....
14.....	1,219	319	.....
15.....	1,237	337	.....
16.....	901	298	.....
17.....	1,445	337	.....
18.....	731	188	.....
19.....	1,682	411	.....
20.....	1,207	594	.....
21.....	573	247	.....
22.....	816	193	.....
23.....	1,106	172	.....
24.....	809	286	.....
25.....	422	166	.....
Totals.....	19,924	6,126	1

Democratic Votes Cast at State Primary, 1911.

FOR CLERK SUPERIOR COURT.

Suffolk County. (Civil Business.)

WARDS.	FRANCIS A. CAMPBELL.	EDWARD D. COLLINS.
1.....	772	475
2.....	733	579
3.....	686	480
4.....	329	277
5.....	386	278
6.....	473	140
7.....	337	306
8.....	433	617
9.....	874	454
10.....	165	92
11.....	182	55
12.....	570	281
13.....	618	888
14.....	663	1,080
15.....	593	1,317
16.....	655	635
17.....	1,094	910
18.....	430	626
19.....	1,082	1,188
20.....	1,193	733
21.....	567	279
22.....	519	529
23.....	680	555
24.....	742	422
25.....	379	230
Totals.....	15,155	13,426

Democratic Votes Cast at State Primary, 1911.

FOR CLERK SUPERIOR COURT.

Suffolk County. (Criminal Business.)

WARDS.	JOHN P. MANNING.	JAMES E. O'CONNELL.	All Others.
1.....	893	422	.....
2.....	857	537	1.....
3.....	813	388	.....
4.....	449	201	.....
5.....	584	161	.....
6.....	496	165	.....
7.....	420	247	.....
8.....	917	161	.....
9.....	946	345	.....
10.....	195	81	.....
11.....	202	52	.....
12.....	699	223	.....
13.....	945	561	.....
14.....	1,207	625	.....
15.....	1,171	685	.....
16.....	1,031	321	.....
17.....	1,671	550	.....
18.....	861	279	.....
19.....	1,762	759	.....
20.....	1,424	623	.....
21.....	766	147	.....
22.....	841	294	.....
23.....	979	311	.....
24.....	865	413	.....
25.....	455	180	.....
Totals.	21,449	8,731	1

Democratic Votes Cast at State Primary, 1911.

FOR REGISTER OF DEEDS.

Suffolk County.

WARDS.	WILLIAM T. A. FITZGERALD.	All Others.
1.....	1,082	.....
2.....	1,123	.....
3.....	1,027	.....
4.....	541	.....
5.....	619	.....
6.....	489	.....
7.....	570	.....
8.....	890	.....
9.....	1,053	.....
10.....	231	.....
11.....	223	.....
12.....	763	.....
13.....	1,179	2
14.....	1,478	.....
15.....	1,465	.....
16.....	1,118	1
17.....	1,758	1
18.....	900	.....
19.....	1,990	.....
20.....	1,713	.....
21.....	755	.....
22.....	938	.....
23.....	1,093	.....
24.....	1,042	1
25.....	543	.....
Totals.....	24,583	5

Democratic Votes Cast at State Primary, 1911.

FOR STATE COMMITTEE.

First Suffolk District.

[The balance of this district comprises Chelsea, Revere and Winthrop.]

	Ward 1.	Totals.
William J. Burns.....	498	498
Frank J. Kiernan.....	602	602

Second Suffolk District.

[The balance of this district comprises Wards 1, 2 and 3 of Cambridge.]

	Ward 2.	Ward 3.	Ward 4.	Ward 5.	Total.
Joseph H. Brennan	1,006	1,039	522	591	3,158

Third Suffolk District.

[The balance of this district comprises Ward 4 of Cambridge.]

	Ward 6.	Ward 7.	Ward 8.	Total.
Frank P. Dyer	391	467	830	1,688

Fourth Suffolk District.

	Ward 9.	Ward 12.	Ward 17.	Totals.
Matthew T. Birmingham.....	852	336	416	1,604
Francis L. Daly	372	444	1,514	2,330

Fifth Suffolk District.

	Ward 10.	Ward 11.	Ward 25.	Totals.
John H. Brogie.....	215	186	507	908
All others.....	—	—	1	1

Sixth Suffolk District.

	Ward 13.	Ward 14.	Ward 15.	Ward 16.	Total.
Edward P. Barry.....	1,177	1,484	1,518	1,112	5,291

Seventh Suffolk District.

	Ward 18.	Ward 19.	Ward 22.	Totals.
Peter A. Hoban.....	867	1,832	831	3,530
All others.....	—	—	1	1

Eighth Suffolk District.

	Ward 20.	Ward 21.	Totals.
Andrew R. Kelley.....	1,568	698	2,266
All others.....	2	—	2

Ninth Suffolk District.

	Ward 23.	Ward 24.	Totals.
Patrick J. Brady.....	936	621	1,557
Bernard Dorcey.....	288	471	759
All others.....	2	—	2

Democratic Votes Cast at State Primary, 1911.
FOR DELEGATES TO STATE CONVENTION.

Ward 1.

[Entitled to Eleven.]

Daniel J. Sheehan.....	1,205	Thomas F. Mansfield.....	1,206
Frederick J. McNaughton.....	1,193	Bernard W. Hobdell.....	1,193
James W. Mogan.....	1,192	George T. Rendle.....	1,189
Peter Maguire.....	1,199	Terence C. Treanor.....	1,201
Peter H. Healy.....	1,193	Daniel J. O'Rourke.....	1,204
Thomas F. Rice.....	1,192		

Ward 2.

[Entitled to Nine.]

John H. Fitzpatrick.....	1,098	Michael J. Leary.....	1,088
Giovanni Bellizia.....	1,049	George J. Park.....	1,047
Marcus W. McWeeny.....	1,074	John H. Marshall.....	1,048
William J. Donovan.....	1,056	Sam Albert.....	1,078
James E. Toomey.....	1,065		

Ward 3.

[Entitled to Nine.]

John J. Mahoney.....	1,031	Cornelius J. Cadogan.....	995
William J. O'Brien.....	999	Bernard F. Tague.....	1,003
James H. Wilson.....	991	John J. Conway.....	1,001
Hugh F. McManamin.....	991	David Doody.....	995
John H. Sullivan.....	999	All others.....	1

Ward 4.

[Entitled to Seven.]

Frank P. Brennan.....	556	Timothy E. Hurley.....	550
John P. McElroy.....	547	James J. Brennan.....	549
George F. McGonagle.....	547	William P. Owens.....	549
Edward J. Riley.....	552		

Ward 5.

[Entitled to Seven.]

Timothy J. Buckley.....	656	Arthur Harrington.....	624
Timothy F. Callahan.....	644	John P. Buckley.....	630
John J. Crowley.....	634	John P. Mahoney.....	634
Joseph M. Sullivan.....	636	All others.....	2

Ward 6.

[Entitled to Six.]

Andrew A. Badaracco.....	541	William F. Gainey.....	513
John Santosuosso.....	520	Philip J. McGonagle.....	532
James L. Monard.....	493	Andrea Di Pietro.....	516

Ward 7.

[Entitled to Five.]

Christopher P. McCaffrey.....	557	Charles F. Kimball.....	542
Daniel J. McNamara.....	543	Noble F. McCaffrey.....	543
John J. Callahan.....	542		

**Democratic Votes Cast at State Primary, 1911.
FOR DELEGATES TO STATE CONVENTION.**

Ward 8.

[Entitled to Ten.]

Martin M. Lomasney.....	983	Robert E. McGuire.....	970
Daniel A. Whelton.....	978	Louis Rosenstein.....	969
William F. Donovan.....	970	Henry L. Tafe.....	970
Joseph F. Freno.....	969	William J. Mullane.....	971
James F. Farley, Jr.....	972	Jacob Rosenberg.....	970

Ward 9.

[Entitled to Eight.]

James Donovan.....	1,059	Thomas A. Herbert.....	984
John A. Keliher.....	1,040	Isidore H. Fox.....	1,001
Thomas Uniacke.....	1,009	Daniel J. Shea.....	1,002
Louis Gordon.....	1,040	All others.....	1
John J. Barry.....	1,008		

Ward 10.

[Entitled to Six.]

Jeremiah E. McCarthy.....	239	Timothy A. Corcoran.....	235
Edward Lienemann.....	237	John J. Costello.....	240
Daniel J. Horgan.....	240	Cornelius J. Moynihan.....	236

Ward 11.

[Entitled to Four.]

Benjamin W. Wells.....	235	Richard J. Murray.....	239
Henry A. Frothingham.....	222	Thomas G. Frothingham.....	220

Ward 12.

[Entitled to Seven.]

<i>First Group.*</i>		<i>Second Group.</i>	
Charles J. Palmer.....	328	Jeremiah Sullivan.....	307
Stephen A. Mahoney.....	323	John W. Collins.....	306
Patrick J. Fitzgerald.....	328	Andrew Norton.....	302
Edward F. Cleary.....	322	Nicholas Gentleman.....	301
Charles F. Gosling.....	322	Timothy J. Whooley.....	301
John J. Lordan.....	322	John P. Brady.....	304
Frank A. Chenette.....	321	Martin F. Donnellon.....	299

Ward 13.

[Entitled to Nine.]

Jeremiah J. McNamara.....	1,249	John V. Gregory.....	1,185
James S. Quigley.....	1,191	Bernard J. Devine.....	1,189
Frank J. Nolan.....	1,198	John J. Gallagher.....	1,192
John Ridge.....	1,179	John B. Hutchinson.....	1,196
James J. Connell.....	1,196		

* Elected.

Democratic Votes Cast at State Primary, 1911.

FOR DELEGATES TO STATE CONVENTION.

Ward 14.

[Entitled to Twelve.]

<i>First Group.*</i>		<i>Second Group.</i>	
Thomas J. Lally, Jr.....	1,010	Thomas F. Coogan.....	564
Cornelius J. Fitzgerald.....	1,001	John F. Dunn.....	522
Thomas F. O'Brien.....	992	William F. Coakley.....	493
James M. O'Hearn.....	992	Frank J. Neely.....	483
Richard J. Wallace.....	982	Christopher Mallen.....	488
James J. McSolla.....	1,001	Patrick H. Buckley.....	488
Thomas F. O'Hearn.....	976	George A. Mooney.....	488
Patrick Cavanaugh.....	983	William F. Dunlap.....	484
John J. Clancy.....	983	Michael H. Sullivan.....	488
James H. Gallagher.....	985	Patrick J. O'Brien.....	477
William L. Curtin.....	984	J. Frank O'Hare.....	523
Joseph H. Flaherty.....	985		

Ward 15.

[Entitled to Eleven.]

Patrick H. O'Connor.....	1,377	Cornelius J. McCarthy.....	1,361
John J. Lenehan.....	1,367	Charles F. Costello.....	1,355
John L. Monahan.....	1,363	Daniel P. O'Connor.....	1,356
John F. McMorrow.....	1,377	Peter McCoy.....	1,358
William J. Murphy.....	1,358	John J. Kine.....	1,385
John A. Cronin.....	1,361	All others.....	1

Ward 16.

[Entitled to Eleven.]

William H. O'Brien.....	1,086	Edward A. Willender.....	1,081
Daniel J. Chapman.....	1,085	James J. Lynch.....	1,084
James F. Townsend.....	1,078	Charles P. Schell.....	1,077
Charles E. Towle.....	1,083	Joseph H. Bardsley.....	1,079
William F. Mason.....	1,081	George J. Twiss.....	1,078
Patrick I. Kelley.....	1,086		

Ward 17.

[Entitled to Thirteen.]

Francis L. Daly.....	1,674	Clarence E. Goodwin.....	1,573
Edward A. Fallon.....	1,578	Walter Sherman.....	1,573
Timothy J. Regan.....	1,576	Thomas F. Sheehan.....	1,574
Bernard W. Marcus.....	1,570	Frank A. McNulty.....	1,569
John E. Roche.....	1,573	Thomas F. Mahan.....	1,568
Herbert A. Kenny.....	1,569	Michael J. Lyons.....	1,577
Harry Rodberg.....	1,563		

Ward 18.

[Entitled to Eight.]

Patrick H. Tracey.....	903	Patrick Melia.....	902
John H. Craven.....	875	Patrick E. Murray, Jr.....	913
James T. Earley.....	869	James P. Timilty.....	933
George W. Sweeten.....	869	All others.....	1
Henry Pike.....	894		

* Elected.

**Democratic Votes Cast at State Primary, 1911.
FOR DELEGATES TO STATE CONVENTION.**

Ward 19.

[Entitled to Fifteen.]

John F. Egan.....	1,794	Dennis F. Reardon.....	1,727
Michael H. Cleary.....	1,742	Thomas J. Costello.....	1,725
Michael J. Reddish.....	1,728	John P. Leonard.....	1,715
Frederick C. Bleiler.....	1,720	Michael F. O'Hara.....	1,737
Denis C. Coakley.....	1,712	John C. Crossen.....	1,729
Oliver S. Grant.....	1,734	Timothy F. Murphy.....	1,723
William Ward.....	1,713	Edward McCullough.....	1,721
Murtagh Sullivan.....	1,726		

Ward 20.

[Entitled to Twenty-three.]

Henry D. Crowley.....	1,569	Lewis R. Sullivan.....	1,556
Lawrence E. Corbett.....	1,555	Charles J. Ormond.....	1,549
Joseph S. O'Brien.....	1,566	John D. Marks.....	1,556
Owen A. Cunningham.....	1,556	Timothy E. McCarthy.....	1,560
Herbert E. Love.....	1,546	Joseph F. Donovan.....	1,552
James F. Barry.....	1,561	Henry L. Daily.....	1,549
John M. Spillane.....	1,552	James J. McGarty.....	1,550
John A. Anderson.....	1,550	William J. Hennessey.....	1,570
William A. Kelley.....	1,560	John J. McAndrews.....	1,544
Edward F. Trainor.....	1,558	Thomas J. McElaney.....	1,562
James J. Glennan.....	1,551	Peter B. Donahoe.....	1,569
Andrew R. Kelley.....	1,559	All others.....	2

Ward 21.

[Entitled to Eleven.]

Joseph H. O'Neil.....	775	Thomas M. Watson.....	748
William J. Carlin.....	751	Thomas F. Foley.....	756
David M. Kasanof.....	745	Frederick Shay.....	749
Robert Eager, Jr.....	746	William T. McDermott.....	750
James F. Maguire.....	747	Martin P. F. Curley.....	738
John A. Brett.....	751		

Ward 22.

[Entitled to Twelve.]

* William E. Conry.....	578	* Nathaniel J. McManus.....	542
* Daniel W. Campbell.....	554	* Patrick H. McCaffrey.....	533
* Frederick A. Schumann.....	530	* John P. Sampson.....	527
* Thomas Winterson.....	540	James H. Dolan.....	1
* Daniel E. Noonan.....	547	Joseph F. Goode.....	1
* Henry M. Hession.....	531	Henry Bartols.....	1
* Michael Kelley.....	550	Patrick F. Donovan.....	1
* James Maguire.....	536		

Ward 23.

[Entitled to Thirteen.]

* Patrick J. Brady.....	1,049	* James P. Dwyer.....	1,018
* John E. Kelly.....	1,046	* John S. Graham.....	1,032
* James M. Dunbar.....	1,015	* Joseph P. Lyons.....	1,041
* Frank W. Pugh, Jr.....	1,024	* William T. Maloney.....	1,020
* John F. McDonald.....	1,065	* Michael S. Morton.....	1,025
* Thomas J. Shea.....	1,027	* Fred J. Kneeland.....	1,044
* John B. McGinty.....	944	Peter F. Lyons.....	122

* Elected.

**Democratic Votes Cast at State Primary, 1911.
FOR DELEGATES TO STATE CONVENTION.**

Ward 24.

[Entitled to Fifteen.]

Thomas F. Campbell.....	981	Francis X. Cox.....	960
Daniel J. Gallagher.....	965	Jerome B. Murray.....	965
Bernard Dorcey.....	982	John J. O'Hara.....	967
Thomas L. Ormsby.....	972	John F. Ahern.....	963
Lewis A. Twitchell.....	961	Timothy A. Kelliher.....	966
Joseph N. Fish.....	961	John T. McCarthy.....	963
George McCaffrey.....	968	Joseph A. Fitzpatrick.....	968
Henry N. Homeyer.....	959		

Ward 25.

[Entitled to Ten.]

John A. Fleming.....	510	Harry J. Fagan.....	508
Francis B. McKinney.....	524	Edmund T. Keefe.....	502
James E. Murphy.....	512	Francis McAllister.....	508
Frank Shea.....	512	Martin M. Ivory.....	509
Roy C. Somerville.....	500	James M. Connors.....	507

Democratic Votes Cast at State Primary, 1911.

FOR WARD COMMITTEES.

Ward 1.

[Entitled to Eleven.]

James F. Nolan.....	1,196	Francis A. Murphy.....	1,162
Thomas F. Mansfield.....	1,181	Francis P. Howard.....	1,161
John Brant.....	1,170	James J. Cunningham.....	1,171
William I. Calhoun.....	1,169	James J. Hobdell.....	1,170
Casper Kalish.....	1,161	Joseph T. Sullivan.....	1,177
Daniel J. Sheehan.....	1,172		

Ward 2.

[Entitled to Nine.]

Michael J. Leary.....	1,078	Giovanni Bellizia.....	1,026
John H. Fitzpatrick.....	1,043	George T. Verry.....	1,023
Michael H. Fitzgerald.....	1,055	Thomas A. Maguire.....	1,031
John H. Lane.....	1,052	Sam Albert.....	1,024
James E. Fitzgerald.....	1,039		

Ward 3.

[Entitled to Nine.]

John J. Mahoney.....	920	Cornelius J. Cadogan.....	895
William J. O'Brien.....	900	Bernard F. Tague.....	902
James H. Wilson.....	892	John J. Conway.....	901
Hugh F. McManamin.....	892	David Doody.....	898
John H. Sullivan.....	894	All others.....	1

Ward 4.

[Entitled to Seven.]

James E. Shea.....	519	Michael J. Conroy.....	514
David F. Scanlan.....	517	Howard V. Redgate.....	511
Eugene S. Mehegan.....	512	Edward W. Smith.....	512
John L. Wightman.....	512		

Ward 5.

[Entitled to Seven.]

Timothy J. Buckley.....	608	John P. Mahoney.....	579
Timothy S. Callahan.....	592	Arthur Harrington.....	572
J. Frank O'Brien.....	583	Joseph M. Sullivan.....	589
Frederick N. Sears.....	572		

Ward 6.

[Entitled to Six.]

Philip J. McGonagle.....	529	Louis C. Cassano.....	499
Andrew A. Badaracco.....	516	Thomas F. McHugh.....	497
Michael J. Bonner.....	501	John Rockett.....	493

Ward 7.

[Entitled to Five.]

Christopher P. McCaffrey.....	531	John Morrissey.....	517
John F. Collins.....	521	James A. Sullivan.....	520
John J. Mahoney.....	516		

Democratic Votes Cast at State Primary, 1911.

FOR WARD COMMITTEES.

Ward 8.

[Entitled to Ten.]

Joseph A. Maynard.....	941	Charles Coleman.....	939
William H. Cuddy.....	941	Jeremiah J. McCarthy.....	932
Joseph P. Lomasney.....	944	James J. Ryan.....	937
David Mancovitz.....	946	Robert Robinson.....	941
Daniel J. McGrath.....	947	William A. Hagerty.....	939

Ward 9.

[Entitled to Eight.]

First Group.*

Second Group.

Robert J. Howell.....	678	Daniel L. Flanagan.....	369
John J. Fisher.....	633	Edward F. Fitzgerald.....	354
Alfred F. Hurwitz.....	642	Edward J. McCarthy.....	343
David McCarthy.....	634	Abram Hyman.....	344
Charles E. Theall.....	625	Frederick J. Burrill.....	341
Michael J. Tobin.....	630	Louis Gold.....	354
John F. Taaffe.....	627	Benny Levin.....	341
Julius Yoffe.....	638	John J. Gartland.....	362

Ward 10.

[Entitled to Six.]

Edward Lienemann.....	230	Timothy A. Corcoran.....	228
Jeremiah E. McCarthy.....	234	John J. Costello.....	233
Daniel J. Horgan.....	232	Cornelius J. Moynihan.....	231

Ward 11.

[Entitled to Four.]

First Group.*

Second Group.

Henry A. Frothingham.....	113	James C. Murphy.....	31
Patrick Fenelon.....	113	Patrick J. Daly.....	26
John F. Comer.....	111	Daniel F. Coogan.....	28
John H. Stone.....	114	Edward F. Warner.....	23

Ward 12.

[Entitled to Seven.]

First Group.*

Second Group.

Thomas F. Russell.....	363	Alexander R. Tolland.....	321
Henry W. Harrington.....	358	John L. Flynn.....	306
Thomas H. Gillard.....	357	John A. O'Brien.....	304
Jeremiah J. McCarthy.....	364	Joseph P. Hyland.....	302
George F. Keenan.....	362	Edwin W. Burns.....	299
Joseph W. Sheehan.....	358	James H. McDonald.....	302
Peter E. Whalen.....	366	Dennis J. Sexton.....	306

Ward 13.

[Entitled to Nine.]

Jeremiah J. McNamara.....	1,128	John V. Gregory.....	1,092
John J. Gallagher.....	1,095	Timothy J. Murphy.....	1,093
Arthur G. Hamm.....	1,089	Dennis J. Collins.....	1,101
Francis H. Hughes.....	1,097	John B. Hutchinson.....	1,104
James A. Morrison.....	1,094		

* Elected.

Democratic Votes Cast at State Primary, 1911.

FOR WARD COMMITTEES.

Ward 14.

[Entitled to Twelve.]

<i>First Group.</i>		<i>Second Group.*</i>	
J. Frank O'Hare.....	774	Cornelius J. Fitzgerald.....	974
Joseph L. Collins.....	742	Thomas J. Lally, Jr.....	965
James F. Mulcahy.....	735	James M. O'Hearn.....	963
William J. Connors.....	736	Richard J. Wallace.....	965
Dennis J. Hallahan.....	748	James J. McSolla.....	967
Hector K. McInnes.....	737	Thomas F. O'Hearn.....	961
Dennis D. Shea.....	737	Patrick Cavanaugh.....	957
Cornelius J. Driscoll.....	738	John J. Clancy.....	956
William C. Twomey.....	734	James H. Gallagher.....	958
James L. Foley.....	742	William J. Curtin.....	961
Peter Mitchell.....	727	Joseph H. Flaherty.....	955
Thomas F. Coogan.....	749	James P. O'Mara.....	963

Ward 15.

[Entitled to Eleven.]

James M. Lane.....	1,299	Michael J. Moriarty.....	1,278
Patrick H. O'Connor.....	1,288	Thomas J. Gallagher.....	1,279
John F. Clancy.....	1,281	Michael J. Roche.....	1,275
John W. Robinson, Jr.....	1,271	Richard A. Lane.....	1,283
John J. Kine.....	1,274	Thomas H. Bagley.....	1,278
John J. Barry.....	1,278		

Ward 16.

[Entitled to Eleven.]

<i>First Group.</i>		<i>Second Group.*</i>	
Daniel J. Nihan.....	139	Thomas Farrell.....	704
Frank J. Westwat.....	121	James T. Mooney.....	709
Eugene P. Hickey, Jr.....	141	John O'Brien.....	709
John J. Shaughnessy.....	140	William P. Bransfield.....	695
Joseph J. Cronin.....	131	Francis L. Trainor.....	704
John F. Henry.....	129	James F. Flaherty.....	698
Frank H. Loring.....	124	John F. McDonald.....	711
John M. McLaughlin.....	130	James M. Fitz-Gerald.....	709
Nathaniel Harris.....	122	Martin J. Frain.....	689
Alex. C. Durgin.....	126	William D. McCarthy.....	726
		Charles P. Schell.....	699

Ward 17.

[Entitled to Thirteen.]

James M. Curley.....	1,831	Edward F. Carney.....	1,619
John Bowen.....	1,630	John J. Long.....	1,622
Marks Angel.....	1,626	Lawrence Cunningham.....	1,627
Hubert H. McCorkle.....	1,622	James T. Cowan.....	1,616
Simon Kanter.....	1,617	John F. Murphy.....	1,628
Martin J. Smith.....	1,624	Cornelius J. Shea.....	1,627
Lemuel P. Vaughan.....	1,616		

* Elected.

Democratic Votes Cast at State Primary, 1911.

FOR WARD COMMITTEES.

Ward 18.

[Entitled to Eight.]

James P. Timilty.....	947	Michael P. Manning.....	878
Patrick E. Murray.....	907	Harry T. Daley.....	894
Patrick J. Craven.....	913	Thomas F. Kenney.....	888
Michael Flannery.....	905	Patrick Melia.....	897

Ward 19.

[Entitled to Fifteen.]

John C. Norton.....	1,623	Morris Cohen.....	1,574
John F. O'Neil.....	1,584	Bernard J. Lyons.....	1,586
John T. Keogh.....	1,574	John S. Kneeland.....	1,582
John C. Crowley.....	1,588	Eugene Cronin.....	1,585
James Mantle.....	1,579	Joseph E. McCloskey.....	1,577
William Carroll.....	1,580	John J. Donovan.....	1,586
Michael Casey.....	1,583	James Brodigan.....	1,582
Joseph F. Donovan.....	1,584		

Ward 20.

[Entitled to Twenty-three.]

Andrew R. Kelley.....	825	James P. Landers.....	751
Henry D. Crowley.....	777	Edward Wingersky.....	748
Owen A. Cunningham.....	773	Joseph J. Freeman.....	758
Daniel D. Tierney.....	761	John W. Finnegan.....	774
Peter B. Donahue.....	791	Maurice J. Walsh.....	761
John A. Anderson.....	758	John D. Marks.....	751
William I. Hennessey.....	775	John S. Edwards.....	750
Edward F. Trainor.....	755	James F. Barry.....	758
Carleton L. Brett.....	746	James J. Byrne.....	766
Francis A. Lavelle.....	750	Edward F. Coleman.....	750
James T. Cavanagh.....	760	All others.....	72

Ward 21.

[Entitled to Eleven.]

John T. Kennedy.....	749	Edward T. Curley.....	735
Michael F. Shay.....	746	John F. Shea.....	736
Francis J. Ward.....	735	William H. Lynch.....	734
James J. Maloney.....	736	Robert E. Maguire.....	735
Martin P. F. Curley.....	724	Morris L. Morrison.....	730
James T. Kenney.....	738		

Ward 22.

[Entitled to Twelve.]

Patrick McManus.....	609	Martin O'Brien.....	543
Joseph F. Goode.....	551	Daniel E. Noonan.....	527
James J. McCarty.....	555	James E. Byrne.....	520
John L. Kelly.....	539	Daniel W. Campbell.....	538
Matthew J. Hanley.....	535	All others.....	5
Frederick A. Schumann.....	515		

Democratic Votes Cast at State Primary, 1911.

FOR WARD COMMITTEES.

Ward 23.

[Entitled to Thirteen.]

Patrick J. Brady.....	983	William L. Roberts.....	957
Richard J. Cronin.....	986	Henry C. Kramer.....	962
John B. McGinty.....	889	William C. McDonald.....	954
Daniel J. Mahoney.....	964	Joseph A. Schwendeman.....	956
John H. Smith.....	969	Timothy J. Riley.....	967
John J. McCarthy.....	956	Peter F. Lyons.....	163
Patrick J. Buckley.....	968	All others.....	1
Martin L. Godvin.....	981		

Ward 24.

[Entitled to Fifteen.]

John J. Hoar.....	957	William B. Curran.....	949
James E. Hemsworth.....	943	Thomas H. Hanlon.....	946
Jerimiah C. Murphy.....	943	Robert Gallagher.....	947
Thomas F. Coveny.....	948	Aubrey J. Collins.....	946
Charles S. Lawler.....	966	John D. Marr.....	943
William H. O'Brien.....	961	Thomas W. Cuniff.....	912
Thomas McGovern.....	947	John J. Scarry.....	932
John F. Duffy.....	947		

Ward 25.

[Entitled to Ten.]

John H. Brogie.....	515	Francis W. Doherty.....	508
Patrick H. Barry.....	519	Dennis M. White.....	509
James S. Kelly.....	518	John J. Kingston, Jr.....	503
John A. Fleming.....	502	Patrick J. Lillis.....	503
James Powers.....	506	William H. Cunningham.....	511

DEMOCRATIC PROGRESSIVE VOTES CAST AT
STATE PRIMARY,
SEPTEMBER 26, 1911.

Democratic Progressive Votes Cast at State Primary, 1911.

FOR GOVERNOR.			FOR LIEUTENANT GOVERNOR.		
WARDS.	EUGENE N. FOSS.	All Others.	WARDS.	DAVID I. WALSH.	All Others.
1.....	5		1.....	5	
2.....	2		2.....	1	
3.....	3		3.....	2	
4.....	1		4.....	1	
5.....	2		5.....	1	
6.....	1		6.....	1	
7.....	5		7.....	3	
8.....			8.....		
9.....	2		9.....	1	
10.....	5		10.....	4	
11.....	2		11.....	2	
12.....	9		12.....	10	
13.....		1	13.....	1	
14.....	4		14.....	4	
15.....	3		15.....	3	
16.....	4		16.....	5	
17.....	2		17.....	2	
18.....	4		18.....	2	
19.....	5		19.....	5	
20.....	13		20.....	10	1
21.....	2		21.....	2	
22.....	5	1	22.....	4	
23.....			23.....	1	
24.....	3		24.....	2	
25.....			25.....		
Totals.....	82	2	Totals.....	72	1

Democratic Progressive Votes Cast at State Primary, 1911.

FOR SECRETARY.

FOR TREASURER.

WARDS.	EDWARD O. SKELTON.	All Others.	WARDS.	AUGUSTUS L. THORNDIKE.	All Others.
1.....	3	.....	1.....	3	.....
2.....	1	.....	2.....		.....
3.....		.....	3.....		.....
4.....	1	.....	4.....	1	.....
5.....	1	.....	5.....	1	.....
6.....	1	.....	6.....	1	.....
7.....	2	.....	7.....	3	.....
8.....		.....	8.....		.....
9.....		.....	9.....		.....
10.....	4	.....	10.....	4	.....
11.....	1	.....	11.....	1	.....
12.....	10	.....	12.....	10	.....
13.....	1	.....	13.....		.....
14.....	3	.....	14.....	3	.....
15.....	3	.....	15.....	3	.....
16.....	5	.....	16.....	5	.....
17.....	2	.....	17.....	2	.....
18.....	3	.....	18.....	2	.....
19.....	4	.....	19.....	6	.....
20.....	8	1	20.....	8	1
21.....	1	.....	21.....	1	.....
22.....	4	1	22.....	3	.....
23.....		.....	23.....		.....
24.....	3	.....	24.....	2	.....
25.....		.....	25.....		.....
Totals.....	61	2	Totals.....	59	1

Democratic Progressive Votes Cast at State Primary, 1911.

FOR AUDITOR.		FOR ATTORNEY-GENERAL.			
WARDS.	CHARLES B. STRECKER.	WARDS.	GEORGE W. ANDERSON.	WILLIAM MAURAN STOCKBRIDGE.	JOHN KERNS.
1.....	3	1.....			
2.....		2.....			
3.....		3.....			
4.....	1	4.....			
5.....	1	5.....			
6.....	1	6.....			
7.....	2	7.....			
8.....		8.....			
9.....		9.....			
10.....	3	10.....	1	1	
11.....	1	11.....			
12.....	10	12.....			
13.....	1	13.....			
14.....	4	14.....			
15.....	3	15.....			
16.....	5	16.....			
17.....	2	17.....			1
18.....	2	18.....			
19.....	6	19.....			
20.....	10	20.....			
21.....	1	21.....			
22.....	3	22.....			
23.....		23.....			
24.....	2	24.....			
25.....		25.....			
Total.....	61	Totals.....	1	1	1

Democratic Progressive Votes Cast at State Primary, 1911.

FOR COUNCILOR.

Third District.

[The balance of this district comprises Wards 1, 2, 3 and 4 of Cambridge.]

WARDS.	JOHN QUINN.	CHARLES I. QUIRK.
17.....		1
22.....	1	
Totals.....	1	1

Democratic Progressive Votes Cast at State Primary, 1911.

FOR SENATORS.

First Suffolk District.

[The balance of this district comprises Chelsea, Revere and Winthrop.]

	Ward 1.	Total.
Henry G. Hichborn.....	3	3

Fourth Suffolk District.

	Ward 9.	Ward 12.	Ward 17.	Totals.
Timothy L. Connolly.....	—	6	3	9
Thomas M. Joyce.....	1	—	—	1

Sixth Suffolk District.

	Ward 13.	Total.
William O'Brien.....	1	1

Seventh Suffolk District.

	Ward 22.	Total.
J. J. O'Hare.....	1	1

Eighth Suffolk District.

	Ward 20.	Ward 21.	Total.
Edward W. Burns.....	7	1	8

Democratic Progressive Votes Cast at State Primary, 1911.

FOR REPRESENTATIVES IN GENERAL COURT.

<i>First District.</i>		
	[Entitled to Two.]	Ward 1.
Benjamin F. Sullivan.....		3
John J. Walsh.....		1
<i>Third District.</i>		
	[Entitled to Two.]	Ward 3.
James J. Murray.....		1
<i>Fourth District.</i>		
	[Entitled to Three.]	Ward 4.
James Green.....		1
P. B. Carr.....		1
<i>Ninth District.</i>		
	[Entitled to Two.]	Ward 9.
Isaac Gordon.....		1
Joseph Leonard.....		1
<i>Twelfth District.</i>		
	[Entitled to Two.]	Ward 12.
James J. Murphy.....		1
Albert A. Miner.....		1
<i>Thirteenth District.</i>		
	[Entitled to Two.]	Ward 13.
Daniel Carroll.....		1
<i>Fifteenth District.</i>		
	[Entitled to Two.]	Ward 15.
John J. Lydon.....		1
<i>Seventeenth District.</i>		
	[Entitled to Two.]	Ward 17.
David A. Curtis.....		1
Edward A. Cohen.....		1
<i>Twentieth District.</i>		
	[Entitled to Three.]	Ward 20.
Daniel H. McNeil.....		1
Tilton S. Bell.....		1
Luther Greenleaf.....		1
<i>Twenty-first District.</i>		
	[Entitled to Two.]	Ward 21.
Walter R. Meins.....		1
John Ballantyne.....		1
<i>Twenty-second District.</i>		
	[Entitled to Two.]	Ward 22.
William F. Lehmann.....		1
<i>Twenty-third District.</i>		
	[Entitled to Two.]	Ward 23.
George Leo Fleming.....		1
<i>Twenty-fourth District.</i>		
	[Entitled to Three.]	Ward 24.
Frank A. Lawler.....		1
James A. Hart.....		1
Harrison Atwood.....		1

Democratic Progressive Votes Cast at State Primary, 1911.

FOR CLERK SUPREME
JUDICIAL COURT.*Suffolk County.*

WARDS.	JOHN F. CHONIN.	All Others.
1.....	5	.....
4.....	1	.....
5.....	1	.....
6.....	1	.....
7.....	1	1
10.....	1	.....
11.....	1	.....
12.....	7	.....
14.....	3	.....
15.....	3	.....
16.....	3	.....
17.....	2	.....
18.....	1	.....
19.....	3	.....
20.....	5	.....
21.....	2	.....
22.....	3	.....
24.....	2	.....
Totals.....	45	1

FOR CLERK SUPERIOR
COURT.*Suffolk County. (Civil Business.)*[The balance of this district comprises
Chelsea, Revere and Winthrop.]

WARDS.	FRANCIS A. CAMPBELL.
7.....	1
9.....	1
13.....	1
17.....	1
Total.....	4

Democratic Progressive Votes Cast at State Primary, 1911.

[The balance of this district comprises Chelsea, Revere and Winthrop.]

FOR CLERK SUPERIOR COURT.
*Suffolk County. (Criminal Business.)*FOR REGISTER OF DEEDS.
Suffolk District.

WARDS.	JOHN P. MANNING.	JAMES E. O'CONNELL.	WARDS.	WILLIAM T. A. FITZGERALD.
1.....	5	1	1.....	6
2.....			2.....	1
3.....	1		3.....	1
4.....	1		4.....	1
5.....	1		5.....	1
6.....		1	6.....	1
7.....	1	3	7.....	1
8.....			8.....	
9.....	1		9.....	
10.....	2		10.....	2
11.....	1	1	11.....	2
12.....	8	1	12.....	8
13.....		1	13.....	
14.....	3		14.....	3
15.....	2	1	15.....	3
16.....	4	1	16.....	4
17.....	1	2	17.....	2
18.....	1		18.....	2
19.....	4	1	19.....	4
20.....	11	1	20.....	6
21.....	3		21.....	2
22.....	3		22.....	3
23.....	1		23.....	
24.....	2	1	24.....	2
25.....			25.....	
Totals.....	56	15	Total.....	55

Democratic Progressive Votes Cast at State Primary, 1911.

FOR STATE COMMITTEE.

Fourth Suffolk District.

	Ward 9.	Ward 17.	Totals.
Matthew T. Birmingham.....	1	—	1
Joseph A. Walsh.....	—	1	1

Seventh Suffolk District.

	Ward 22.	Total.
Patrick N. H. O'York.....	1	1

REPUBLICAN VOTES CAST AT
STATE PRIMARY,
SEPTEMBER 26, 1911.

Republican Votes Cast at State Primary, 1911.
FOR GOVERNOR.

WARD 1.	LOUIS A. FROTHINGHAM.	JOSEPH WALKER.	NORMAN H. WHITE.	All Others.	WARD 4.	LOUIS A. FROTHINGHAM.	JOSEPH WALKER.	NORMAN H. WHITE.
Precinct 1.....	69	13	11	....	Precinct 1.....	4	2	3
" 2.....	78	22	9	....	" 2.....	12	1	5
" 3.....	155	34	18	....	" 3.....	20	1	2
" 4.....	98	23	10	....	" 4.....	11	1	1
" 5.....	57	13	6	....	" 5.....	3	....	2
" 6.....	21	3	....	....	" 6.....	10	....	....
" 7.....	57	14	7	....	Totals.....	60	5	13
" 8.....	76	11	9	....				
" 9.....	64	7	8	....				
Totals.....	675	140	78	....				
WARD 2.					WARD 5.			
Precinct 1.....	11	....	2	....	Precinct 1.....	20	7	4
" 2.....	4	....	....	....	" 2.....	17	4	1
" 3.....	12	1	....	....	" 3.....	2	....	....
" 4.....	10	....	....	....	" 4.....	18	1	1
" 5.....	9	....	....	....	" 5.....	9	2	....
" 6.....	24	3	4	....	" 6.....	6	2	....
" 7.....	12	1	....	1	Totals.....	72	16	6
" 8.....	11	....	1	....				
Totals.....	93	5	7	1				
WARD 3.					WARD 6.			
Precinct 1.....	35	3	2	....	Precinct 1.....	4	....	1
" 2.....	4	2	3	....	" 2.....	20	1	2
" 3.....	12	2	1	1	" 3.....	13	1	1
" 4.....	6	1	....	....	" 4.....	8	....	2
" 5.....	5	3	1	....	" 5.....	15	1	2
" 6.....	5	....	....	....	" 6.....	28	8	5
Totals.....	67	11	7	1	" 7.....	8	1	1
					" 8.....	14	1	1
					Totals.....	119	13	15

Republican Votes Cast at State Primary, 1911.
FOR GOVERNOR.

WARD 7.				WARD 10.			
	LOUIS A. FROTHINGHAM.	JOSEPH WALKER.	NORMAN H. WHITE.		LOUIS A. FROTHINGHAM.	JOSEPH WALKER.	NORMAN H. WHITE.
Precinct 1.....	9	1	1	Precinct 1.....	23	2	1
" 2.....	13		2	" 2.....	50	5	2
" 3.....	10	1	2	" 3.....	53	4	
" 4.....	25	3	8	" 4.....	50	3	5
" 5.....	4			" 5.....	52	3	3
" 6.....	2		1	" 6.....	69	7	2
Totals.....	63	5	14	" 7.....	138	32	8
				" 8.....	108	27	8
				" 9.....	130	42	13
				Totals.....	673	125	42
							1
WARD 8.				WARD 11.			
Precinct 1.....	3	2	1	Precinct 1.....	61	16	12
" 2.....	12	1	1	" 2.....	21	3	3
" 3.....	50	10	8	" 3.....	46	17	7
" 4.....	7	2	1	" 4.....	141	12	2
" 5.....	13	3	2	" 5.....	121	6	1
" 6.....	16	3	1	" 6.....	64	8	1
Totals.....	101	21	14	" 7.....	93	13	7
				" 8.....	126	9	3
				" 9.....	153	20	11
				Totals.....	826	104	47
							1
WARD 9.				WARD 12.			
Precinct 1.....	14	1	1	Precinct 1.....	110	20	4
" 2.....	4	1		" 2.....	86	29	15
" 3.....			1	" 3.....	33	13	4
" 4.....	3	3	1	" 4.....	89	16	12
" 5.....	29	6	3	" 5.....	61	19	10
" 6.....	47	4	1	" 6.....	21	4	1
" 7.....	7		1	" 7.....	17		1
Totals.....	104	15	8	Totals.....	417	101	47

Republican Votes Cast at State Primary, 1911.

FOR GOVERNOR.

WARD 13.		LOUIS A. FROTHINGHAM.	JOSEPH WALKER.	NORMAN H. WHITE.
Precinct 1	7			
" 2	1			1
" 3	4	2		
" 4	3	3		4
" 5	6	2		
" 6	5	1		
" 7	8			
" 8	3	2		1
Totals	37	10		6

WARD 14.				
Precinct 1	20	3		1
" 2	9	2		
" 3	12	3		
" 4	33	2		5
" 5	37	8		3
" 6	38	4		2
" 7	34	9		2
" 8	36	5		1
Totals	219	36		14

WARD 15.				
Precinct 1	4			1
" 2		3		
" 3	5			
" 4	10			1
" 5	19	3		1
" 6	25	3		
" 7	22	10		3
" 8	23	4		
Totals	108	23		6

WARD 16.		LOUIS A. FROTHINGHAM.	JOSEPH WALKER.	NORMAN H. WHITE.
Precinct 1	8	1		2
" 2	10	3		1
" 3	25	7		3
" 4	47	14		1
" 5	38	10		4
" 6	65	31		2
" 7	25	6		2
Totals	218	72		15

WARD 17.				
Precinct 1	5	2		2
" 2	4			1
" 3	35	6		2
" 4	48	10		5
" 5	8	2		
" 6	1			
" 7	7			
" 8	23	1		
" 9	18	3		1
Totals	149	24		11

WARD 18.				
Precinct 1	14	4		5
" 2	37	5		7
" 3	40	6		7
" 4	35	7		5
" 5	10	3		
" 6	28	8		
Totals	164	33		24

Republican Votes Cast at State Primary, 1911.
FOR GOVERNOR.

WARD 19.					WARD 21.				
	LOUIS A. FROTHINGHAM.	JOSEPH WALKER.	NORMAN H. WHITE.	All Others.		LOUIS A. FROTHINGHAM.	JOSEPH WALKER.	NORMAN H. WHITE.	All Others.
Precinct 1.....	28	9	3	...	Precinct 1.....	101	25	4	...
" 2.....	10	3		...	" 2.....	45	8	5	...
" 3.....	11			...	" 3.....	60	21	3	...
" 4.....	4	2	1	...	" 4.....	97	34	5	...
" 5.....	18	3	1	...	" 5.....	99	29	7	...
" 6.....	24	5	3	...	" 6.....	100	38	9	...
" 7.....	5	4		...	" 7.....	88	22	4	...
" 8.....	10	4	3	...	" 8.....	88	37	5	...
" 9.....	23	3	3	...	" 9.....	92	25	10	...
Totals.....	133	33	14	...	" 10.....	68	20	8	...
					" 11.....	84	17	2	...
					" 12.....	44	13	5	...
					Totals.....	966	289	67	...

WARD 20.					WARD 22.			
						LOUIS A. FROTHINGHAM.	JOSEPH WALKER.	NORMAN H. WHITE.
Precinct 1.....	50	23	6	...	Precinct 1.....	102	55	4
" 2.....	54	23	1	...	" 2.....	33	13	6
" 3.....	55	21	7	...	" 3.....	6	5	1
" 4.....	51	20	6	...	" 4.....	77	21	10
" 5.....	23	7	1	...	" 5.....	70	29	1
" 6.....	32	16	4	...	" 6.....	93	43	1
" 7.....	86	43	5	...	" 7.....	90	27	4
" 8.....	115	51	18	...	" 8.....	37	10	2
" 9.....	65	41	9	...	Totals.....	508	203	29
" 10.....	103	47	15	1				
" 11.....	45	29	7	...				
" 12.....	69	31	7	...				
" 13.....	40	16	7	...				
" 14.....	43	14	5	1				
" 15.....	46	6	7	...				
" 16.....	76	36	6	...				
Totals.....	953	424	111	2				

Republican Votes Cast at State Primary, 1911.
FOR GOVERNOR:

WARD 23.	LOUIS A. FROTHINGHAM.	JOSEPH WALKER.	NORMAN H. WHITE.	WARD 25.	LOUIS A. FROTHINGHAM.	JOSEPH WALKER.	NORMAN H. WHITE.	All Others.
Precinct 1.....	89	21	1	Precinct 1.....	55	16	4	....
" 2.....	17	9	2	" 2.....	85	26	4	....
" 3.....	16	2	....	" 3.....	104	39	4	....
" 4.....	32	9	10	" 4.....	15	2	2	....
" 5.....	60	42	15	" 5.....	44	11	2	....
" 6.....	101	41	10	" 6.....	92	25	6	....
" 7.....	107	62	21	" 7.....	50	15	3	....
" 8.....	124	67	10	Totals.....	445	134	25	....
" 9.....	19	11	5	Grand totals,	8,794	2,442	908	6
Totals.....	565	264	74					
WARD 24.								
Precinct 1.....	41	13	5					
" 2.....	33	16	9					
" 3.....	81	39	8					
" 4.....	104	29	11					
" 5.....	150	36	14					
" 6.....	98	28	22					
" 7.....	74	28	42					
" 8.....	113	24	36					
" 9.....	67	21	25					
" 10.....	111	43	20					
" 11.....	93	34	19					
" 12.....	94	25	3					
Totals.....	1,059	336	214					

Republican Votes Cast at State Primary, 1911.

FOR LIEUTENANT GOVERNOR.			FOR SECRETARY.			
WARDS.	ROBERT LUCE.	All Others.	WARDS.	ALBERT P. LANGTLEY.	RUSSELL A. WOOD.	All Others.
1.....	781	.....	1.....	546	222	.....
2.....	93	.....	2.....	61	26	.....
3.....	80	.....	3.....	58	23	.....
4.....	67	.....	4.....	41	23	.....
5.....	90	.....	5.....	64	19	.....
6.....	109	.....	6.....	90	24	.....
7.....	73	.....	7.....	49	30	.....
8.....	117	.....	8.....	88	32	.....
9.....	116	.....	9.....	88	32	.....
10.....	774	.....	10.....	656	138	2
11.....	868	.....	11.....	769	136	.....
12.....	515	.....	12.....	377	143	1
13.....	46	.....	13.....	29	17	.....
14.....	244	1	14.....	209	41	1
15.....	125	.....	15.....	93	29	.....
16.....	282	.....	16.....	209	60	2
17.....	167	1	17.....	135	39	.....
18.....	210	.....	18.....	143	63	.....
19.....	166	.....	19.....	113	51	.....
20.....	1,396	.....	20.....	1,051	346	1
21.....	1,216	.....	21.....	925	291	1
22.....	652	.....	22.....	476	187	.....
23.....	847	.....	23.....	624	214	.....
24.....	1,483	1	24.....	1,015	458	.....
25.....	566	.....	25.....	438	131	.....
Totals	11,083	3	Totals.....	8,347	2,775	8

Republican Votes Cast at State Primary, 1911.

FOR TREASURER.		FOR AUDITOR.			
WARDS.	ELMER E. STEVENS.	WARDS.	HERBERT W. BURR.	JOHN E. WHITE.	All Others.
1.....	759	1.....	330	424	.....
2.....	92	2.....	50	36	.....
3.....	77	3.....	25	52	.....
4.....	64	4.....	24	42	.....
5.....	85	5.....	40	42	.....
6.....	104	6.....	42	62	1
7.....	72	7.....	35	39	.....
8.....	111	8.....	53	56	.....
9.....	116	9.....	60	64	.....
10.....	771	10.....	241	532	.....
11.....	885	11.....	255	617	.....
12.....	503	12.....	226	273	.....
13.....	42	13.....	25	19	.....
14.....	242	14.....	100	143	.....
15.....	122	15.....	61	63	.....
16.....	277	16.....	156	129	.....
17.....	170	17.....	77	93	.....
18.....	194	18.....	105	105	.....
19.....	159	19.....	65	95	.....
20.....	1,338	20.....	644	737	.....
21.....	1,200	21.....	486	713	.....
22.....	655	22.....	296	380	.....
23.....	826	23.....	311	521	.....
24.....	1,433	24.....	918	585	.....
25.....	559	25.....	171	387	.....
Total.....	10,856	Totals.....	4,796	6,209	1

Republican Votes Cast at State Primary, 1911.
FOR ATTORNEY-GENERAL.

WARDS.	JAMES M. SWIFT.	All Others.
1	710	.....
2	85	.....
3	78	.....
4	63	.....
5	80	.....
6	99	.....
7	73	.....
8	105	.....
9	122	.....
10	765	.....
11	870	1
12	500	.....
13	46	.....
14	244	.....
15	120	.....
16	278	.....
17	171	.....
18	208	.....
19	162	.....
20	1,361	.....
21	1,194	2
22	648	.....
23	804	.....
24	1,419	.....
25	557	.....
Totals	10,762	3

Republican Votes Cast at State Primary, 1911.

FOR COUNCILOR.

Second District.

[The balance of this district comprises the First Bristol and the First and Second Norfolk Senatorial Districts.]

WARDS.	J. STEARNS CUSHING.	W. PRENTISS PARKER.	All Others.
20.....	902	510	.....
21.....	679	595	.....
23.....	424	308	.....
24.....	792	634	1
Totals.....	2,797	2,047	1

Third District.

[The balance of this district comprises Wards 1, 2, 3 and 4 in Cambridge.]

WARDS.	HENRY A. SAVAGE.
2.....	69
3.....	70
4.....	60
5.....	76
6.....	88
7.....	62
8.....	96
9.....	106
12.....	457
13.....	40
14.....	221
15.....	114
16.....	259
17.....	154
18.....	184
19.....	140
22.....	603
Total.....	2,799

Republican Votes Cast at State Primary, 1911.

FOR COUNCILOR.

Fourth District.

[The balance of this district comprises Chelsea, Revere, Winthrop and the Second, Third and Fourth Middlesex Senatorial Districts.]

WARDS.	CHARLES L. BURRILL.	ALEXANDER MCGREGOR.
1.....	385	369
10.....	277	513
11.....	638	223
25.....	280	267
Totals.....	1,580	1,372

Republican Votes Cast at State Primary, 1911.

FOR SENATORS.

First Suffolk District.

[The balance of this district comprises Chelsea, Revere and Winthrop.]

	Ward 1.	Totals.
William M. Robinson.....	261	261
Ernest W. Woodside.....	591	591

Second Suffolk District.

[The balance of this district comprises Wards 1, 2 and 3 of Cambridge.]

	Ward 2.	Ward 3.	Ward 4.	Ward 5.	Totals.
Arthur W. Forbush.....	75	73	61	78	287
All others.....	—	—	—	1	1

Third Suffolk District.

[The balance of this district comprises Ward 4 of Cambridge.]

	Ward 6.	Ward 7.	Ward 8.	Totals.
William C. Lane.....	67	31	47	145
John W. Vaughan.....	38	36	64	138

Fourth Suffolk District.

	Ward 9.	Ward 12.	Ward 17.	Totals.
Freeman O. Emerson.....	111	445	163	719
All others.....	1	—	—	1

Fifth Suffolk District.

	Ward 10.	Ward 11.	Ward 25.	Totals.
George Holden Tinkham.....	756	871	549	2,176
All others.....	1	—	—	1

Sixth Suffolk District.

	Ward 13.	Ward 14.	Ward 15.	Ward 16.	Total.
Charles D. Cheney.....	45	232	113	258	648

Seventh Suffolk District.

	Ward 18.	Ward 19.	Ward 22.	Totals.
Charles H. Bryant.....	191	153	611	955
All others.....	—	1	—	1

Eighth Suffolk District.

	Ward 20.	Ward 21.	Totals.
Thomas M. Vinson.....	1,285	1,161	2,446
All others.....	1	—	1

Ninth Suffolk District.

	Ward 23.	Ward 24.	Totals.
Edward W. Brewer.....	534	437	971
Joseph J. Feely.....	241	723	964
William E. Hannan.....	103	403	506

Republican Votes Cast at State Primary, 1911.
FOR REPRESENTATIVES IN GENERAL COURT.

First District.

[Entitled to Two.]

Ward 1.

Edward C. R. Bagley.....	776
Frederick A. Cronin.....	304
Francis A. Griffin, 2d.....	239
William B. Jensen.....	277

Second District.

[Entitled to Two.]

Ward 2.

Michael J. Brophy.....	1
S. T. Dennis.....	1
Joseph J. Dennison.....	4
John J. Douglass.....	2
Salvatore Maffei.....	1
J. Mansfield.....	1
Dennis O'Neil.....	1
Joseph H. Pendergast.....	1

Third District.

[Entitled to Two.]

Ward 3.

Daniel T. Callahan.....	67
Francis E. Knight.....	59

Fourth District.

[Entitled to Three.]

Ward 4.

Ward 5.

Totals.

William H. Brintnall.....	58	76	134
George E. Staples.....	57	76	133
Herbert L. Wolff.....	55	75	130

Sixth District.

[Entitled to Two.]

Ward 6.

Amos M. DeVito.....	58
Rocco Leone.....	92
All others.....	44

Seventh District.

[Entitled to One.]

Ward 7.

John E. Gill.....	62
All others.....	1

Eighth District.

[Entitled to Two.]

Ward 8.

Eugene G. Smith.....	106
John B. Tuttle.....	88

Ninth District.

[Entitled to Two.]

Ward 9.

Charles S. Boogusch.....	50
Nicholas Carafotias.....	62
Peter E. Richardson.....	81

Tenth District.

[Entitled to Two.]

Ward 10.

Channing H. Cox.....	770
William S. Kinney.....	643

Republican Votes Cast at State Primary, 1911.
FOR REPRESENTATIVES IN GENERAL COURT.

Eleventh District.

[Entitled to Two.]

	Ward 11.	
Courtenay Crocker.....		816
Grafton D. Cushing.....		822

Twelfth District.

[Entitled to Two.]

	Ward 12.	
Seth F. Arnold.....		368
William Berwin.....		244
William E. Chester.....		84
Francis J. H. Jones.....		179
John B. McGregor.....		138

Thirteenth District.

[Entitled to Two.]

	Ward 13.	
Leo F. McCullough.....		1

Fourteenth District.

[Entitled to Two.]

	Ward 14.	
Jacob C. Bibber.....		223
Fred E. Hanscom.....		209
All others.....		1

Fifteenth District.

[Entitled to Two.]

	Ward 15.	
John J. Creed.....		2
John J. Lydon.....		3
J. J. Lydon.....		1
John H. Means.....		3
John Means.....		1
Augustus G. Nowlin.....		2
Augustus Nowlin.....		1
H. G. Nowlin.....		1
Benjamin James.....		1
H. J. Bowen.....		1
Dexter Neal.....		1
Edward Taylor.....		1
Albert Taylor.....		1

Sixteenth District.

[Entitled to Two.]

	Ward 16.	
William F. Mulligan.....		240
Nathaniel Perry Sippelle.....		233

Seventeenth District.

[Entitled to Two.]

	Ward 17.	
Thomas Grieve.....		158
Herbert D. Sterling.....		153
All others.....		1

Eighteenth District.

[Entitled to Two.]

	Ward 18.	
Charles H. Seales.....		171
Charles A. Heintz.....		10
Charles B. Heintz.....		1
Edward Loonie.....		2
Edward F. Loonie.....		1
James A. Watson.....		1

Republican Votes Cast at State Primary, 1911.
FOR REPRESENTATIVES IN GENERAL COURT.

Nineteenth District.

	[Entitled to Two.]	Ward 19.
Charles J. Fox.....		135
Henry E. Lunt.....		7
Cleveland Wetherbee.....		1
Cornelius Van Der Pyl.....		1

Twentieth District.

	[Entitled to Three.]	Ward 20.
Tilton S. Bell.....		1,026
William L. Chase.....		653
Luther C. Greenleaf.....		1,063
William J. Kelly.....		895
Charles H. Wigley.....		251

Twenty-first District.

	[Entitled to Two.]	Ward 21.
John Ballantyne.....		824
William N. Hackett.....		754
Walter R. Meins.....		902

Twenty-second District.

	[Entitled to Two.]	Ward 22.
Otto E. Buttner.....		140
Rupert H. Costelo.....		87
Edwin N. Hill.....		261
Carl Meyer.....		129
William H. Morgan.....		327
Emil S. Schriftgiesser.....		92
Joseph H. Wentworth.....		318
All others.....		1

Twenty-third District.

	[Entitled to Two.]	Ward 23.
Willard N. Poland.....		710
George W. P. Babb.....		250
All others.....		31

Twenty-fourth District.

	[Entitled to Three.]	Ward 24.
Harrison H. Atwood.....		718
Sanford Bates.....		861
John Henry Burns.....		118
Charles L. Carr.....		1,003
James A. Hart.....		995
George Philip Wardner.....		641
All others.....		1

Twenty-fifth District.

	[Entitled to Two.]	Ward 25.
Joseph B. Brown.....		486
Martin Hays.....		482
All others.....		1

Republican Votes Cast at State Primary, 1911.

FOR CLERK SUPREME JUDICIAL COURT.

Suffolk County.

WARDS.	WALTER F. FREDERICK.	All Others.
1.....	695	1
2.....	69	.....
3.....	70	.....
4.....	58	.....
5.....	77	.....
6.....	85	1
7.....	65	.....
8.....	100	.....
9.....	111	.....
10.....	728	.....
11.....	861	.....
12.....	473	.....
13.....	41	.....
14.....	237	.....
15.....	110	.....
16.....	271	.....
17.....	161	.....
18.....	176	.....
19.....	144	.....
20.....	1,314	.....
21.....	1,154	.....
22.....	601	.....
23.....	753	.....
24.....	1,345	.....
25.....	521	.....
Totals.....	10,220	2

Republican Votes Cast at State Primary, 1911.

FOR CLERK SUPERIOR COURT.

Suffolk County. (Civil Business.)

WARDS.	FRANCIS A. CAMPBELL.	All Others.
1	685	.....
2	71	.....
3	70	.....
4	57	.....
5	76	.....
6	90	1
7	61	.....
8	98	.....
9	111	.....
10	712	.....
11	827	1
12	447	.....
13	39	.....
14	238	.....
15	108	.....
16	262	.....
17	149	.....
18	168	.....
19	149	.....
20	1,230	.....
21	1,086	1
22	582	.....
23	729	.....
24	1,304	.....
25	486	.....
Totals.....	9,835	3

Republican Votes Cast at State Primary, 1911.

FOR CLERK SUPERIOR COURT.

Suffolk County. (Criminal Business.)

WARDS.	JOHN P. MANNING.
1.....	707
2.....	69
3.....	72
4.....	61
5.....	80
6.....	89
7.....	64
8.....	105
9.....	110
10.....	724
11.....	840
12.....	459
13.....	46
14.....	216
15.....	121
16.....	258
17.....	164
18.....	191
19.....	143
20.....	1,287
21.....	1,174
22.....	612
23.....	749
24.....	1,336
25.....	509
Total.....	10,186

Republican Votes Cast at State Primary, 1911.

FOR REGISTRY OF DEEDS.

Suffolk County.

WARDS.	WILLIAM T. A. FITZGERALD.	All Others.
1	660	1
2	60	1
3	66	1
4	60	
5	73	
6	90	
7	61	
8	101	
9	100	
10	689	
11	814	
12	444	
13	38	
14	221	
15	101	
16	243	
17	147	
18	167	
19	136	
20	1,191	
21	1,080	
22	581	
23	692	
24	1,268	
25	491	
Totals	9,574	2

Republican Votes Cast at State Primary, 1911.

FOR STATE COMMITTEE.

First Suffolk District.

[The balance of this district comprises Chelsea, Revere and Winthrop.]

	Ward 1.	Total.
Benjamin F. Campbell.....	732	732

Second Suffolk District.

[The balance of this district comprises Wards 1, 2 and 3 of Cambridge.]

	Ward 2.	Ward 3.	Ward 4.	Ward 5.	Totals.
William E. White.....	68	77	63	72	280
All others.....	—	—	—	1	1

Third Suffolk District.

[The balance of this district comprises Ward 4 of Cambridge.]

	Ward 6.	Ward 7.	Ward 8.	Totals.
Saverio R. Romano.....	64	16	11	91
Richard B. Stanley.....	44	51	95	190

Fourth Suffolk District.

	Ward 9.	Ward 12.	Ward 17.	Totals.
George E. Lovett.....	58	396	108	562
James W. H. Myrick.....	58	78	52	188

Fifth Suffolk District.

	Ward 10.	Ward 11.	Ward 25.	Totals.
Michael Fonseca.....	171	170	105	446
William H. Squire.....	493	509	424	1,426

Sixth Suffolk District.

	Ward 13.	Ward 14.	Ward 15.	Ward 16.	Totals.
Herman Hormel.....	36	231	110	250	627
All others.....	1	—	—	—	1

Seventh Suffolk District.

	Ward 18.	Ward 19.	Ward 22.	Total.
Ledru J. Brackett.....	173	147	593	913

Eighth Suffolk District.

	Ward 20.	Ward 21.	Total.
Oren C. Boothby.....	1,209	1,102	2,311

Ninth Suffolk District.

	Ward 23.	Ward 24.	Totals.
Frank B. Crane.....	716	1,308	2,024
All others.....	1	—	1

Republican Votes Cast at State Primary, 1911.

FOR DELEGATES TO STATE CONVENTION.

Ward 1.

[Entitled to Nine.]

John L. Bates.....	799	William C. Smith.....	763
Ainsley R. Hooper.....	765	James A. Cochran.....	765
William H. Musgrave.....	766	Charles T. Witt.....	767
John Marno.....	766	Frank A. Goodwin.....	767
John B. Baum.....	753	All others.....	4

Ward 2.

[Entitled to Four.]

Joseph J. Dennison.....	85	Thomas J. Boyd.....	71
Joseph A. Caggiano.....	84	Charles R. Ensworth.....	70

Ward 3.

[Entitled to Three.]

Henry H. Chandler.....	79	George J. Cann.....	79
John W. Dennett.....	80		

Ward 4.

[Entitled to Two.]

William H. Oakes.....	66	Mark E. Smith.....	66
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Ward 5.

[Entitled to Three.]

Augustus A. Fales.....	83	Edward M. Heustis.....	81
Frank Dow.....	80		

Ward 6.

[Entitled to Four.]

George H. McInnis.....	103	Vincent Prezinsio.....	87
Joseph DeCristoforo.....	101	Giuseppe Luongo.....	99

Ward 7.

[Entitled to Two.]

William H. Coblenz.....	46	John E. Gill.....	51
-------------------------	----	-------------------	----

Ward 8.

[Entitled to Four.]

Henry E. Foster.....	101	Samuel D. Kelley.....	101
John E. Chapman.....	99	John B. Tuttle.....	99

Ward 9.

[Entitled to Five.]

Henry C. Richardson.....	113	William H. Pierce.....	113
Thomas C. Murch.....	111	Albion S. Whitmore.....	114
James W. H. Myrick.....	113		

Republican Votes Cast at State Primary, 1911.

FOR DELEGATES TO STATE CONVENTION.

Ward 10.

[Entitled to Twelve.]

Guy W. Cox.....	776	Harry H. Hartung.....	758
David T. Montague.....	776	Frank A. Lohmann.....	755
J. William Nagle.....	762	R. Osborne Dalton.....	753
William Robinson.....	763	William Shaw McCallum.....	755
Miles Martin.....	758	Charles W. M. Williams.....	764
A. Howard Powers.....	759	William Fitzgerald.....	757

Ward 11.

[Entitled to Fifteen.].

George Holden Tinkham.....	861	Isaac L. Roberts.....	843
Henry L. Shattuck.....	857	Francis H. MacCarthy.....	843
Fitz-Henry Smith, Jr.....	852	Samuel P. Allen.....	846
David E. Crawford.....	844	Edward A. Trowbridge.....	848
Courtenay Guild.....	860	Charles H. Moore.....	845
Robert Homans.....	862	Henry A. Walker.....	845
Francis R. Bangs.....	854	Chauncey C. Nash.....	844
Charles E. Ware, Jr.....	850		

Ward 12.

[Entitled to Eight.]

Emery Bemis.....	489	Otis T. Simonds.....	481
James F. Bliss.....	479	Doris A. Young.....	482
John G. Moseley.....	482	John W. Johnson.....	488
Edward Anthony.....	481	Stephen F. Stone.....	481

Ward 13.

[Entitled to Two.]

Samuel H. Hume.....	33	All others.....	2
James W. O'Brien.....	30		

Ward 14.

[Entitled to Six.]

George F. Lawley.....	234	Ernst Hormel.....	236
Charles Van Stone.....	237	Harry W. Park.....	234
James H. Corney.....	235	Elisha S. Boland.....	236

Ward 15.

[Entitled to Four.]

Winfield E. Clogston.....	120	John H. Means.....	115
William E. Bartlett.....	116	John S. Godfrey.....	120

Ward 16.

[Entitled to Eight.]

Edward P. Starbird.....	271	William A. Norcott.....	266
Edward P. Upham.....	269	George L. Ellsworth.....	270
Charles J. Beatey.....	273	James F. Wattles.....	269
Fred H. Whitten.....	265	Frank A. Castle.....	266

Republican Votes Cast at State Primary, 1911.
FOR DELEGATES TO STATE CONVENTION.

Ward 17.

[Entitled to Five.]

Charles E. Wiggins.....	169	Jediah P. Jordan.....	168
Lee M. Friedman.....	166	Charles J. Kidney.....	168
Frank S. Waterman, Sr.....	171		

Ward 18.

[Entitled to Six.]

Charles Alexander.....	198	William W. Bassett.....	184
Louis Drevensedt.....	182	Samuel H. Perkins.....	187
Joseph S. King.....	190	George T. Reid.....	187

Ward 19.

[Entitled to Five.]

George S. Tomlinson.....	150	Charles T. Grant.....	151
S. Marshall Reed.....	151	Erwin Schmuck.....	151
James P. Fox.....	150		

Ward 20.

[Entitled to Twenty-six.]

Elbridge Torrey.....	1,270	Thomas F. Doherty.....	1,255
Albert A. Chittenden.....	1,259	Benjamin F. Buckley.....	1,259
Frank W. Whitcher.....	1,264	Harry H. Ham.....	1,264
Edmund F. Snow.....	1,264	William J. Tyler.....	1,262
James C. Clark.....	1,263	William L. Chase.....	1,260
William Q. Wales.....	1,261	Percy I. Minard.....	1,260
Willet F. Casey.....	1,257	Edward W. Ryan.....	1,256
Moses S. Lourie.....	1,261	Joseph Michelman.....	1,256
George H. Wyman.....	1,255	John C. Thornton.....	1,261
James D. Henderson.....	1,262	William J. Drew.....	1,258
James W. Webber.....	1,265	George F. Brandt.....	1,262
Walter V. Fletcher.....	1,258	David H. Fogg.....	1,263
William S. Harvey.....	1,263	All others.....	1
Benjamin A. Ham.....	1,262		

Ward 21.

[Entitled to Fifteen.]

John E. Rousmaniere.....	1,149	Edward W. King.....	1,138
Augustus L. Wells, Jr.....	1,138	William M. W. Spring.....	1,137
George A. Tainter.....	1,134	Ira W. Shapira.....	1,142
James G. Ferguson.....	1,148	Charles H. Tisdale.....	1,137
Charles T. Barry.....	1,137	John Carr.....	1,142
George W. Curtis.....	1,138	Elias H. Sondheim.....	1,144
W. Prentiss Parker.....	1,139	William Allen White.....	1,143
Samuel H. Calderwood.....	1,146	All others.....	1

Ward 22.

[Entitled to Ten.]

Samuel B. Capen.....	640	Charles E. Dow.....	635
Frank Seiberlich.....	635	James H. Knight.....	642
A. Spalding Weld.....	629	John F. McCormick.....	623
Jacob H. Mock.....	645	George W. Lorey.....	634
Walter A. Webster.....	625	Ludwig Bayer.....	635

Republican Votes Cast at State Primary, 1911.
FOR DELEGATES TO STATE CONVENTION.

Ward 23.

[Entitled to Fourteen.]

Lyman R. Swett.....	772	Frederic W. Jacobs.....	758
Frederic Gilbert Bauer.....	767	Stephen J. Lent.....	764
Frederick L. Greim.....	765	George W. Carruth.....	764
Theodore Barnes.....	760	Charles A. Nelson.....	758
Willard N. Poland.....	758	William J. Orchard.....	768
George P. Beckford.....	767	Howard L. Blake.....	760
Benjamin C. Lane.....	769	All others.....	1
William H. Rice.....	755		

Ward 24.

[Entitled to Eighteen.]

Laban Pratt.....	1,396	Charles A. Uford.....	1,380
Henry N. Locklin.....	1,381	Leonard G. Roberts.....	1,385
Walter B. Grant.....	1,384	Robert G. Campbell.....	1,379
G. Warren Hayward.....	1,384	James Callahan.....	1,376
Joseph J. Feely.....	1,389	Charles Patterson.....	1,389
Frederick M. Salles.....	1,382	James T. Chubbuck.....	1,377
Fred P. Kinney.....	1,369	Walter N. Baker.....	1,384
Webster H. Powell.....	1,379	Herbert W. Burr.....	1,392
Andrew J. Sullivan.....	1,378	Samuel T. Cobb, Jr.....	1,382

Ward 25.

[Entitled to Eleven.]

Granville A. Fuller.....	545	Frank H. Howe.....	535
George E. Brock.....	544	Axel E. Zetterman.....	540
Frank G. Newhall.....	544	Frank W. Krogman.....	535
Isaac F. Woodbury.....	541	Joseph F. Lockett.....	536
William S. Youngman.....	535	Karl Kilburn.....	536
Joseph Abbott.....	539		

Republican Votes Cast at State Primary, 1911.
FOR WARD COMMITTEES.

Ward 1.

[Entitled to Thirteen.]

Benjamin F. Campbell.....	609	John B. Baum.....	558
James A. Cochran.....	578	Robert C. Turner.....	552
Frank A. Goodwin.....	578	William J. Moore.....	552
Frederick L. McPherson.....	562	William H. Musgrave.....	552
William B. Edmands.....	548	John A. Campbell.....	39
Frederick A. Cronin.....	550	William S. Foster.....	14
George W. Goodearl.....	558	All others.....	14
Francis A. Griffin, 2d.....	556		

Ward 2.

[Entitled to Six.]

Joseph J. Dennison.....	87	Marcus H. Ensworth.....	80
Albert E. Roberts.....	82	Giovanni Piscopo.....	82
Charles A. Anderson.....	82	Joseph A. Caggiano.....	80

Ward 3.

[Entitled to Five.]

William E. White.....	81	George H. Huff.....	78
George W. Smith.....	79	William H. Allard.....	78
Ralph Hodgkins.....	78		

Ward 4.

[Entitled to Seven.]

William H. Oakes.....	68	Frank M. Lucas.....	67
Gardner Bates.....	68	Robert H. Webber.....	67
Edward N. Stillman.....	67	William H. Brintnall.....	67
Henry S. Pike.....	68		

Ward 5.

[Entitled to Five.]

William O. D. Grace.....	79	Frank Dow.....	76
Warren B. Hadley.....	78	Samuel Porter.....	77
Edward M. Heustis.....	76		

Ward 6.

[Entitled to Seven.]

Virgilio Lombardi.....	117	Saverio R. Romano.....	121
Rocco Leone.....	118	Joseph DeCristoforo.....	98
Giuseppe Bevilacqua.....	114	Biagio DeCristoforo.....	99
Charles Grillo.....	98		

Ward 7.

[Entitled to Six.]

William H. Coblentz.....	56	John J. Boyajain.....	53
John E. Gill.....	56	John L. Donovan.....	1
Willard E. Corliss.....	51	M. Welch.....	1

Republican Votes Cast at State Primary, 1911.

FOR WARD COMMITTEES.

Ward 8.

[Entitled to Nine.]

John W. Vaughan.....	102	Max Rosenthal.....	103
Walter Waterton.....	103	Ralph May.....	100
John B. Tuttle.....	102	Walter Wigmore.....	99
Edward C. Webb.....	99	George H. Carter.....	99
Eugene G. Smith.....	102		

Ward 9.

[Entitled to Eight.]

Henry C. Richardson.....	109	William H. Pierce.....	111
Thomas C. Murch.....	108	Howard F. Morrison.....	109
James W. H. Myrick.....	108	Albion S. Whitmore.....	111
Nicholas Carofotias.....	107	Silas H. Ayer.....	110

Ward 10.

[Entitled to Sixteen.]

Charles H. Innes.....	763	Benjamin E. Robinson.....	752
Alfred R. Shrigley.....	748	David T. Montague.....	766
J. Bernard Ferber.....	754	Joseph W. Wharton.....	750
Frank A. Newell.....	750	James H. Phelan.....	750
Walter M. Lougee.....	748	Davis B. Keniston, Jr.....	746
Samuel Davis.....	750	Malcolm E. Nichols.....	753
Lewis P. Felch.....	743	Cornelius N. Garland.....	748
William J. Conlon.....	749	Louis R. Chapman.....	754

Ward 11.

[Entitled to Fifteen.]

Courtenay Guild.....	859	Ernest E. Smith.....	850
March G. Bennett.....	847	Fitz-Henry Smith, Jr.....	845
Grafton D. Cushing.....	860	Edward C. Fitz.....	850
George Holden Tinkham.....	854	Charles H. Moore.....	843
John P. Reynolds.....	852	Charles Eliot Ware, Jr.....	848
Daniel W. Lane.....	850	Matthew Hale.....	852
Courtenay Crocker.....	854	Merrill N. Davis.....	844
Henry L. Shattuck.....	851		

Ward 12.

[Entitled to Thirteen.]

James M. Douglass.....	484	Augustus M. Snow.....	480
Joseph Uhrig.....	486	Alexander C. MacKay.....	478
Henry A. Savage.....	486	William S. Sparrow.....	478
Frank S. Pearson.....	481	Louis N. Conners.....	476
Charles N. Goodrich.....	474	John B. McGregor.....	480
Edwin T. Kramer.....	476	Melvin S. Westover.....	482
Simon Hurwitz.....	477		

Ward 13.

[Entitled to Five.]

<i>First Group.</i>		<i>Second Group.*</i>	
Samuel H. Hume.....	22	E. Mertain Hatch.....	37
James W. O'Brien.....	22	Oscar Thesan.....	37
Fred M. Wheeler.....	22	Charles S. Jones.....	36
Charles W. Weisslinger.....	22	Louis C. Haeffner.....	37
John L. Kelly.....	23	Johan C. Johanson.....	37
		All others.....	7

* Elected.

Republican Votes Cast at State Primary, 1911.

FOR WARD COMMITTEES.

Ward 14.

[Entitled to Nine.]

Elisha S. Boland.....	233	Ernest C. Edwards.....	230
Herman Hornel.....	231	Edwin A. Lawley.....	229
Harry W. Park.....	229	Milton C. Paige.....	226
Edward H. Willey.....	228	Terrence J. O'Donnell.....	228
James H. Corney.....	229		

Ward 15.

[Entitled to Seven.]

John S. Godfrey.....	115	Frank E. Willis.....	113
Winfield E. Clogston.....	114	Walter S. Webber.....	112
Charles H. Lowry.....	113	Joseph F. Teague.....	112
Elisha W. Goldthwait.....	113		

Ward 16.

[Entitled to Ten.]

George L. Ellsworth.....	252	Ezra N. Rolland.....	252
Eric L. Johanson.....	249	Roy J. Sears.....	247
A. Wingate Blair.....	249	Fred H. Whitten.....	248
William J. Buckner.....	248	Hiram Barron.....	248
William Eadie.....	249	Ralph B. Stickney.....	247

Ward 17.

[Entitled to Eight.]

Thomas Grieve.....	164	Elmer Clark.....	162
Herbert D. Sterling.....	164	Morris J. Nollman.....	161
Howard A. Pinkham.....	162	James T. Neill.....	161
James H. Mugridge.....	159	Charles R. Fuller.....	165

Ward 18.

[Entitled to Nine.]

Charles A. Heintz.....	196	Daniel L. Tillman.....	184
Edward F. Tracy.....	184	Alexander Nicholson.....	180
Thomas G. Schuyler.....	190	Albert E. Dana.....	183
Charles H. Diggs.....	184	George T. Reid.....	179
John H. Hemsley.....	181		

Ward 19.

[Entitled to Seven.]

Fred Kitson.....	151	John B. Von Euw.....	148
John H. Coulahan.....	148	Henry E. Lunt.....	150
Joseph F. Wolff.....	150	Frank G. Watson.....	150
Alexander H. Montgomery.....	150		

Ward 20.

[Entitled to Twenty.]

Guy A. Ham.....	1,218	George H. Wyman.....	1,206
James C. Clark.....	1,207	Moses S. Lourie.....	1,205
Alexander C. Grainger.....	1,203	James D. Henderson.....	1,204
Melville F. Rogers.....	1,204	Walter V. Fletcher.....	1,204
William Smith, Jr.....	1,205	William S. Harvey.....	1,204
William J. Drew.....	1,204	John W. Davis, Jr.....	1,205
Charles F. Mains.....	1,209	Charles A. Quint.....	1,201
Joseph Michelman.....	1,209	Alonzo Elfont.....	1,202
Willet F. Casey.....	1,202	Harry A. S. Lovell.....	1,202
James W. Webber.....	1,205	Abraham E. Pinanski.....	1,208

Republican Votes Cast at State Primary, 1911.

FOR WARD COMMITTEES.

Ward 21.

[Entitled to Sixteen.]

Fred L. Howard.....	1,108	John C. Redmond.....	1,105
Addison P. Beardsley.....	1,106	Alfred P. Williams.....	1,102
Howard M. Legate.....	1,102	Shirley P. Graves.....	1,094
Charles T. Cottrell.....	1,104	Samuel Hurwitz.....	1,095
Donald M. Blair.....	1,104	Charles E. Aldrich, Jr.....	1,104
Harry G. Appleton.....	1,104	Job E. Gaskin.....	1,104
Frank N. Nay.....	1,104	Theodore E. Stevenson.....	1,104
Albert A. Ginzberg.....	1,105	Charles T. Barry.....	1,103

Ward 22.

[Entitled to Twelve.]

George W. Lorey.....	489	George H. Fowle.....	465
Francis Holland.....	472	Albert H. Vegkley.....	456
Kasper Zimmerman.....	477	Evert S. F. Lindquist.....	468
Roger Ernst.....	480	Bernhard G. Krug.....	471
John Page Cotton.....	478	Frank Seiberlich.....	6
Franklin R. Wing.....	464	Jacob Mock.....	3
George W. Kenyon.....	469	All others.....	9

Ward 23.

[Entitled to Eleven.]

Frederic Gilbert Bauer.....	752	Willard N. Poland.....	743
Stephen J. Lent.....	755	Frederick L. Greim.....	751
George P. Beckford.....	752	Theodore Barnes.....	743
Charles S. Greene.....	749	William J. Orchard.....	753
Frederick T. Widmer.....	753	Howard L. Blake.....	753
Charles A. Nelson.....	746		

Ward 24.

[Entitled to Fifteen.]

Willard W. Hibbard.....	1,010	Lester H. Colby.....	989
Charles C. DeLappe.....	994	George H. Manks.....	987
Charles Patterson.....	993	Leonard Martin.....	994
Frank L. Locklin.....	999	Perry Wood.....	994
Arthur C. Macdonald.....	1,001	George H. Watson.....	987
Walter N. Baker.....	1,002	M. Prescott Macleod.....	993
Andrew J. Sullivan.....	983	All others.....	43
Samuel T. Cobb, Jr.....	989		

Ward 25.

[Entitled to Ten.]

William H. Squire.....	515	Albert E. Harding.....	512
Karl Kilburn.....	509	Pierce O'Connell.....	507
Nelson J. Ingalls.....	509	E. Lyle Morey.....	509
William S. Youngman.....	507	Frank A. B. Stanton.....	508
Frank H. Howe.....	509	Lewis J. Hewitt.....	516

Number of Republican Ballots Cast at State Primary, 1911.

[illegible]

STATE ELECTION,

NOVEMBER 7, 1911.

Registered Male Voters, State Election, 1911.

WARDS.	PRECINCTS.																Totals.	Per cent Male Residents Registered by Wards.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
1.....	347	378	599	565	563	528	704	856	542	.....	.....	.....	.....	.....	.....	.....	5,082	59
2.....	374	262	374	321	313	440	570	432	.....	.....	.....	.....	.....	.....	.....	.....	3,086	42
3.....	448	481	485	512	541	373	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,840	68
4.....	417	368	459	368	321	259	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,192	56
5.....	422	533	332	263	408	324	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,282	54
6.....	157	291	320	291	360	332	357	201	.....	.....	.....	.....	.....	.....	.....	.....	2,309	17
7.....	118	237	413	331	333	215	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,647	26
8.....	515	635	639	665	439	575	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,468	33
9.....	490	556	288	500	526	467	379	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,206	34
10.....	264	300	301	298	264	346	712	701	664	.....	.....	.....	.....	.....	.....	.....	3,850	41
11.....	476	308	468	490	315	225	328	359	728	.....	.....	.....	.....	.....	.....	.....	3,697	51
12.....	639	529	388	633	506	598	544	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,837	44
13.....	353	303	246	369	392	309	402	404	.....	.....	.....	.....	.....	.....	.....	.....	2,778	43
14.....	564	499	429	520	621	503	568	667	.....	.....	.....	.....	.....	.....	.....	.....	4,371	63
15.....	281	524	492	410	520	503	641	467	.....	.....	.....	.....	.....	.....	.....	.....	3,838	65
16.....	383	682	930	709	667	636	715	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,722	62
17.....	357	399	430	688	416	323	511	703	508	.....	.....	.....	.....	.....	.....	.....	4,335	56
18.....	515	479	544	635	565	708	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,446	49
19.....	689	396	570	549	387	568	697	714	557	.....	.....	.....	.....	.....	.....	.....	5,127	60
20.....	670	782	818	675	767	678	808	826	731	847	682	691	662	762	650	748	11,797	69
21.....	553	470	495	525	550	496	549	557	504	442	593	344	.....	.....	.....	.....	6,078	65
22.....	888	705	473	828	701	615	552	669	.....	.....	.....	.....	.....	.....	.....	.....	5,431	64
23.....	406	666	449	857	1,034	1,004	801	725	433	.....	.....	.....	.....	.....	.....	.....	6,375	69
24.....	479	507	650	588	604	477	606	915	772	694	620	689	.....	.....	.....	.....	7,601	66
25.....	803	630	751	457	637	985	728	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,991	61
Total.....																	108,386	

Average per cent of male residents who registered, 52.

Votes Cast for Governor, State Election, 1911.

WARD 1.	JAMES F. CAREY, Socialist.	EUGENE N. FOSS, Democratic.	EUGENE N. FOSS, Democratic Progressive.	EUGENE N. FOSS, No Designation.	EUGENE N. FOSS, Totals.	LOUIS A. FROTHINGHAM, Republican.	DENNIS MCGOFF, Socialist Labor.	FRANK N. RAND, Prohibition.	Blanks.	Totals for all Candidates for Governor.
Precinct 1.....	8	89	33	5	127	122	1	1	3	259
" 2.....	9	118	.....	3	121	147	.....	3	4	280
" 3.....	6	143	38	.....	181	281	1	4	7	473
" 4.....	7	178	53	4	235	208	3	4	7	457
" 5.....	9	241	45	8	294	137	1	.....	6	441
" 6.....	19	250	54	15	319	63	1	.....	7	402
" 7.....	6	291	73	10	374	145	1	.....	9	526
" 8.....	12	398	83	11	492	190	3	1	5	698
" 9.....	3	195	54	7	256	171	1	1	5	432
Totals.....	79	1,903	433	63	2,399	1,464	12	14	53	3,968
WARD 2.										
Precinct 1.....	3	156	30	11	197	56	.....	1	7	257
" 2.....	3	122	27	3	152	33	.....	.....	1	188
" 3.....	6	120	99	2	221	58	1	.....	2	286
" 4.....	7	137	36	7	180	55	1	.....	9	243
" 5.....	8	139	28	2	169	47	.....	.....	3	224
" 6.....	3	168	38	3	209	85	.....	.....	3	297
" 7.....	10	272	53	14	339	56	.....	1	11	406
" 8.....	18	177	51	11	239	61	3	.....	9	321
Totals.....	58	1,291	362	53	1,706	451	5	2	45	2,222
WARD 3.										
Precinct 1.....	1	179	37	5	221	111	.....	.....	6	333
" 2.....	3	291	.....	.....	291	59	1	.....	4	354
" 3.....	7	242	47	9	298	81	1	.....	3	387
" 4.....	2	261	60	14	335	32	.....	.....	9	369
" 5.....	4	280	59	11	350	44	1	.....	8	399
" 6.....	3	224	44	6	274	22	.....	.....	6	299
Totals.....	20	1,477	247	45	1,769	349	3	.....	36	2,141

Votes Cast for Governor, State Election, 1911.

WARD 4.	JAMES F. CAREY, Socialist.	EUGENE N. FOSS, Democratic.	EUGENE N. FOSS, Democratic Progressive.	EUGENE N. FOSS, No Designation.	EUGENE N. FOSS, Totals.	LOUIS A. FROTHINGHAM, Republican.	DENNIS MCGOFF, Socialist Labor.	FRANK N. RAND, Prohibition.	Blanks.	Totals for all Candidates for Governor.
Precinct 1.....	8	209	41	6	256	26	.....	.....	4	290
" 2.....	7	127	35	4	166	65	.....	.....	5	238
" 3.....	8	206	27	6	239	82	1	1	1	331
" 4.....	3	173	26	.....	199	50	.....	.....	1	252
" 5.....	1	162	40	5	207	11	.....	.....	4	219
" 6.....	1	99	31	3	133	47	.....	.....	2	181
Totals.....	28	976	200	24	1,200	281	1	1	17	1,511
WARD 5.										
Precinct 1.....	5	152	39	4	195	99	.....	1	3	300
" 2.....	6	274	56	7	337	70	.....	.....	7	413
" 3.....	5	153	39	3	195	21	.....	.....	2	221
" 4.....	3	105	17	2	124	56	.....	.....	1	183
" 5.....	5	217	34	9	260	43	1	.....	5	309
" 6.....	4	163	30	7	200	34	.....	1	2	239
Totals.....	28	1,064	215	32	1,311	323	1	2	20	1,665
WARD 6.										
Precinct 1.....	.....	89	17	1	107	17	.....	.....	4	124
" 2.....	7	101	29	7	137	77	1	1	14	223
" 3.....	6	143	22	6	171	66	.....	.....	13	243
" 4.....	3	124	25	2	151	48	.....	.....	29	202
" 5.....	3	135	30	3	168	86	1	.....	26	258
" 6.....	3	110	.....	.....	110	124	1	2	3	240
" 7.....	9	128	48	17	193	69	.....	.....	8	271
" 8.....	3	84	15	12	111	32	.....	.....	17	146
Totals.....	34	914	186	48	1,148	519	3	3	114	1,707

Votes Cast for Governor, State Election, 1911.

WARD 7.		JAMES F. CAREY, Socialist.	EUGENE N. FOSS, Democratic.	EUGENE N. FOSS, Democratic Progressive.	EUGENE N. FOSS, No Designation.	EUGENE N. FOSS, Totals.	LOUIS A. FROTHINGHAM, Republican.	DENNIS MCGOFF, Socialist Labor.	FRANK N. RAND, Prohibition.	Blanks.	Totals for all Candidates, for Governor.
Precinct 1.....	1	44	12	4	60	35	.....	.....	1	96	
" 2.....	7	101	27	.....	128	43	.....	.....	4	178	
" 3.....	10	194	46	5	245	70	.....	1	7	326	
" 4.....	2	140	41	.....	181	60	1	1	17	245	
" 5.....	8	197	13	31	241	27	.....	1	12	277	
" 6.....	5	125	23	2	150	21	1	.....	4	177	
Totals.....		33	801	162	42	1,005	256	2	3	45	1,299
WARD 8.											
Precinct 1.....	18	335	43	2	380	32	1	.....	5	431	
" 2.....	9	375	1	6	382	68	1	.....	5	460	
" 3.....	9	246	54	7	307	177	3	1	3	497	
" 4.....	36	341	54	27	422	81	.....	.....	4	539	
" 5.....	30	224	45	7	276	58	1	.....	9	365	
" 6.....	39	309	37	19	365	79	5	.....	7	488	
Totals.....		141	1,830	234	68	2,132	495	11	1	33	2,780
WARD 9.											
Precinct 1.....	25	190	43	13	246	89	1	.....	10	361	
" 2.....	19	225	59	6	290	83	2	2	1	396	
" 3.....	18	105	28	6	139	49	2	.....	8	208	
" 4.....	8	292	.....	.....	292	62	1	1	5	364	
" 5.....	11	154	41	3	198	133	1	.....	3	343	
" 6.....	7	162	36	4	202	136	2	2	6	349	
" 7.....	4	216	.....	.....	216	33	.....	1	5	254	
Totals.....		92	1,344	207	32	1,583	585	9	6	38	2,275

Votes Cast for Governor, State Election, 1911.

WARD 10.	JAMES F. CAREY, Socialist.	EUGENE N. FOSS, Democratic.	EUGENE N. FOSS, Democratic Progressive.	EUGENE N. FOSS, No Designation.	EUGENE N. FOSS, Totals.	LOUIS A. FROTHINGHAM, Republican.	DENNIS MCGOFF, Socialist Labor.	FRANK N. RAND, Prohibition.	All Others.	Blanks.	Totals for all Candidates for Governor.
Precinct 1.....	3	116	24	.....	140	47	.....	2	.....	11	192
" 2.....	7	90	18	6	114	102	.....	.....	.....	1	223
" 3.....	7	104	.....	.....	104	113	.....	.....	.....	1	224
" 4.....	8	67	10	2	79	116	.....	1	.....	5	204
" 5.....	2	58	5	.....	63	122	.....	.....	.....	4	187
" 6.....	3	57	24	5	86	160	.....	1	.....	2	250
" 7.....	8	113	30	13	156	389	.....	3	.....	4	556
" 8.....	10	142	39	4	185	307	.....	2	.....	5	504
" 9.....	8	126	27	.....	153	338	1	1	.....	5	501
Totals.....	56	873	177	30	1,080	1,694	1	10	.....	38	2,841
WARD 11.											
Precinct 1.....	17	117	38	6	161	186	.....	7	.....	4	371
" 2.....	21	114	17	7	138	70	1	.....	.....	7	230
" 3.....	10	147	26	6	179	168	3	3	.....	7	363
" 4.....	4	67	21	.....	88	313	.....	2	.....	5	407
" 5.....	.....	19	8	.....	27	247	.....	.....	.....	.....	274
" 6.....	2	29	4	3	36	156	.....	1	.....	4	195
" 7.....	.....	38	8	.....	46	225	.....	3	.....	1	274
" 8.....	1	25	3	.....	28	283	1	.....	.....	3	313
" 9.....	2	100	21	3	124	465	.....	1	.....	7	592
Totals.....	57	656	146	25	827	2,113	5	17	.....	38	3,019
WARD 12.											
Precinct 1.....	12	144	42	3	189	261	1	3	.....	4	466
" 2.....	6	104	40	5	149	227	.....	1	.....	5	383
" 3.....	11	133	44	6	183	99	1	1	1	4	296
" 4.....	9	211	46	7	264	206	.....	2	.....	.....	481
" 5.....	5	123	36	6	165	183	.....	1	.....	2	354
" 6.....	8	241	27	52	320	114	1	1	.....	12	444
" 7.....	9	277	55	8	340	72	2	2	.....	5	425
Totals.....	60	1,233	290	87	1,610	1,162	5	11	1	32	2,849

Votes Cast for Governor, State Election, 1911.

WARD 13.	JAMES F. CAREY, Socialist.	EUGENE N. FOSS, Democratic.	EUGENE N. FOSS, Democratic Progressive.	EUGENE N. FOSS, No Designation.	EUGENE N. FOSS, Totals.	LOUIS A. FROTHINGHAM, Republican.	DENNIS MCGOFF, Socialist Labor.	FRANK N. RAND, Prohibition.	Blanks.	Totals for all Candidates for Governor.
Precinct 1.....	4	166	38	6	210	24	.....	2	5	240
" 2.....	4	146	37	1	184	25	.....	.....	6	213
" 3.....	5	115	20	4	139	27	1	1	6	173
" 4.....	7	198	27	7	232	24	1	.....	6	264
" 5.....	7	193	42	8	243	39	.....	.....	3	289
" 6.....	9	156	36	4	196	22	.....	.....	6	227
" 7.....	6	252	.....	2	254	35	.....	.....	3	295
" 8.....	10	208	36	8	252	22	.....	1	.....	285
Totals.....	52	1,434	236	40	1,710	218	2	4	35	1,986
WARD 14.										
Precinct 1.....	8	265	48	8	321	68	.....	.....	8	397
" 2.....	13	277	70	14	361	36	.....	.....	2	410
" 3.....	11	207	46	3	256	59	1	1	1	328
" 4.....	20	204	44	3	251	131	1	.....	4	403
" 5.....	29	230	50	2	282	149	5	.....	6	465
" 6.....	19	190	11	2	203	146	.....	1	6	369
" 7.....	14	239	59	8	306	108	2	.....	7	430
" 8.....	15	278	53	9	340	156	2	1	3	514
Totals.....	129	1,890	381	49	2,320	853	11	3	37	3,316
WARD 15.										
Precinct 1.....	3	106	35	6	147	33	.....	.....	2	183
" 2.....	18	245	61	11	317	30	.....	.....	6	365
" 3.....	6	222	48	12	282	58	2	.....	10	348
" 4.....	4	201	22	.....	223	42	.....	.....	3	269
" 5.....	5	258	59	15	332	59	1	.....	6	397
" 6.....	10	173	56	7	236	119	1	1	3	367
" 7.....	20	298	.....	.....	298	113	1	.....	12	432
" 8.....	10	192	60	5	257	78	6	1	1	352
Totals.....	76	1,695	341	56	2,092	532	11	2	43	2,713

Votes Cast for Governor, State Election, 1911.

WARD 16.	JAMES F. CAREY, Socialist.	EUGENE N. FOSS, Democratic.	EUGENE N. FOSS, Democratic Progressive.	EUGENE N. FOSS, No Designation.	EUGENE N. FOSS, Totals.	LOUIS A. FROTHINGHAM, Republican.	DENNIS MCGOFF, Socialist Labor.	FRANK N. RAND, Prohibition.	Blanks.	Totals for all Candidates for Governor.
Precinct 1.....	8	156	31	5	192	54	.....	.....	3	254
" 2.....	12	355	.....	.....	355	85	3	.....	6	455
" 3.....	12	412	81	14	507	124	1	.....	1	644
" 4.....	8	209	62	13	284	203	1	2	3	498
" 5.....	4	230	46	10	286	191	1	3	6	485
" 6.....	4	167	45	1	213	256	1	1	4	475
" 7.....	18	298	65	4	367	132	.....	.....	6	517
Totals.....	66	1,827	330	47	2,204	1,045	7	6	29	3,328
WARD 17.										
Precinct 1.....	4	154	44	6	204	26	1	.....	7	235
" 2.....	3	228	38	6	272	28	1	.....	1	304
" 3.....	2	174	31	3	208	126	.....	.....	3	336
" 4.....	16	241	65	12	318	199	.....	2	8	535
" 5.....	8	187	52	5	244	45	.....	.....	1	297
" 6.....	3	168	41	4	213	20	.....	1	6	237
" 7.....	3	274	76	22	372	45	.....	.....	5	420
" 8.....	10	365	82	19	466	66	1	.....	7	543
" 9.....	3	242	54	6	302	92	.....	1	5	398
Totals.....	52	2,033	483	83	2,599	647	3	4	43	3,305
WARD 18.										
Precinct 1.....	4	214	33	6	253	103	1	.....	5	361
" 2.....	3	141	32	4	177	131	.....	1	11	312
" 3.....	9	99	29	12	140	180	1	.....	6	330
" 4.....	7	181	46	8	235	167	.....	.....	9	409
" 5.....	10	300	46	11	357	48	3	.....	6	418
" 6.....	8	309	59	19	387	130	2	2	2	529
Totals.....	41	1,244	245	60	1,549	759	7	3	39	2,359

Votes Cast for Governor, State Election, 1911.

WARD 19.	JAMES F. CAREY, Socialist.	EUGENE N. FOSS, Democratic.	EUGENE N. FOSS, Democratic Progressive.	EUGENE N. FOSS, No Designation.	EUGENE N. FOSS, Totals.	LOUIS A. FROTHINGHAM, Republican.	DENNIS MCGOFF, Socialist Labor.	FRANK N. RAND, Prohibition.	All Others.	Blanks.	Totals for all Candidates for Governor.
Precinct 1.....	11	333	50	12	395	120	2	.....	1	3	529
" 2.....	6	180	35	2	217	54	1	.....	.....	11	278
" 3.....	4	332	53	6	391	46	.....	.....	.....	20	441
" 4.....	12	309	56	8	373	34	1	.....	.....	6	420
" 5.....	5	175	37	.....	212	67	1	.....	.....	8	285
" 6.....	16	240	46	22	308	105	3	1	.....	3	433
" 7.....	7	414	71	10	495	52	.....	.....	.....	15	554
" 8.....	13	381	72	22	475	71	.....	.....	.....	9	559
" 9.....	25	241	57	11	309	101	1	.....	.....	3	436
Totals.....	99	2,605	477	93	3,175	650	9	1	1	78	3,935
WARD 20.											
Precinct 1.....	7	250	47	8	305	190	1	.....	.....	7	503
" 2.....	6	289	61	7	357	232	1	.....	.....	1	596
" 3.....	7	328	48	6	382	229	1	1	.....	3	620
" 4.....	1	264	27	6	297	223	.....	2	.....	3	523
" 5.....	9	333	74	6	413	127	.....	.....	.....	11	549
" 6.....	12	242	45	2	289	189	2	.....	.....	6	492
" 7.....	3	231	62	2	295	316	.....	2	.....	3	616
" 8.....	4	162	49	1	212	430	1	1	.....	2	648
" 9.....	3	223	40	3	266	283	1	.....	.....	3	553
" 10.....	9	218	41	4	263	398	.....	.....	.....	4	670
" 11.....	29	185	51	2	238	236	1	4	.....	6	508
" 12.....	13	175	50	2	227	261	1	2	.....	2	504
" 13.....	3	212	47	4	263	204	.....	1	.....	3	471
" 14.....	11	362	58	4	424	154	1	1	.....	5	591
" 15.....	18	224	38	3	265	214	.....	1	.....	6	498
" 16.....	3	262	48	1	311	263	1	2	.....	3	580
Totals.....	138	3,960	786	61	4,807	3,949	11	17	.....	68	8,922

Votes Cast for Governor, State Election, 1911.

WARD 21.	JAMES F. CAREY, Socialist.	EUGENE N. FOSS, Democratic.	EUGENE N. FOSS, Democratic Progressive.	EUGENE N. FOSS, No Designation.	EUGENE N. FOSS, Totals.	LOUIS A. FROTHINGHAM, Republican.	DENNIS MCGOFF, Socialist Labor.	FRANK N. RAND, Prohibition.	All Others.	Blanks.	Totals for all Candidates for Governor.
Precinct 1.....	4	187	27	....	214	197	1	5	....	3	421
" 2.....	6	175	36	8	219	125	....	....	....	2	350
" 3.....	6	171	49	1	221	143	....	2	....	2	372
" 4.....	2	154	29	....	183	200	....	6	....	4	391
" 5.....	11	190	9	5	204	188	1	1	....	7	405
" 6.....	4	133	13	4	150	230	....	3	1	....	388
" 7.....	8	179	34	5	218	181	....	1	....	2	408
" 8.....	11	138	19	2	159	266	1	3	1	7	441
" 9.....	5	135	30	3	168	217	1	....	....	4	391
" 10.....	12	128	27	4	159	168	....	3	....	3	342
" 11.....	5	145	29	3	177	260	....	4	....	1	446
" 12.....	5	142	25	3	170	94	2	2	....	3	273
Totals.....	79	1,877	327	38	2,242	2,269	6	30	2	38	4,628
WARD 22.											
Precinct 1.....	24	304	82	9	395	282	2	1	....	8	704
" 2.....	21	346	44	7	397	135	....	1	....	7	554
" 3.....	5	259	36	8	303	39	1	....	....	3	348
" 4.....	29	230	51	10	291	250	5	4	....	9	579
" 5.....	31	240	60	19	319	161	2	....	....	7	513
" 6.....	20	158	19	2	179	274	1	1	....	3	475
" 7.....	10	167	32	....	199	223	....	2	....	5	434
" 8.....	33	256	70	13	339	140	6	3	....	6	521
Totals.....	173	1,960	394	68	2,422	1,504	17	12	....	48	4,128
WARD 23.											
Precinct 1.....	1	115	26	8	149	188	....	3	....	5	341
" 2.....	9	358	70	14	442	113	1	1	....	6	566
" 3.....	11	257	36	18	311	46	2	....	....	7	370
" 4.....	22	377	50	12	439	205	....	2	....	9	668
" 5.....	22	369	93	18	480	285	6	....	....	4	793
" 6.....	28	252	67	6	325	415	2	2	....	8	772
" 7.....	15	179	72	6	257	356	3	7	....	3	638
" 8.....	8	122	39	2	163	429	....	1	....	2	601
" 9.....	9	178	26	7	211	119	1	3	....	5	343
Totals.....	125	2,207	479	91	2,777	2,156	15	19	....	49	5,092

Votes Cast for Governor, State Election, 1911.

WARD 24.	JAMES F. CAREY, Socialist.	EUGENE N. FOSS, Democratic.	EUGENE N. FOSS, Democratic Progressive.	EUGENE N. FOSS, No Designation.	EUGENE N. FOSS, Totals.	LOUIS A. FROTHINGHAM, Republican.	DENNIS MCGOFF, Socialist Labor.	FRANK N. RAND, Prohibition.	All Others.	Blanks.	Totals for all Candidates for Governor.
Precinct 1....	12	197	37	11	245	91	2	.....	.....	2	350
" 2....	10	212	38	7	257	100	2	1	.....	2	370
" 3....	9	184	49	4	237	237	.....	1	.....	2	484
" 4....	11	158	44	3	205	233	.....	1	.....	3	450
" 5....	3	156	30	3	189	280	.....	2	1	2	475
" 6....	5	162	29	3	194	187	1	2	.....	3	389
" 7....	6	149	43	3	195	253	.....	3	.....	.....	457
" 8....	12	223	64	9	296	353	3	5	.....	5	669
" 9....	26	223	61	5	289	236	1	2	.....	8	554
" 10....	13	188	51	5	244	278	1	3	.....	3	539
" 11....	4	182	37	5	224	227	.....	2	.....	3	457
" 12....	13	205	32	4	241	224	1	.....	.....	5	479
Totals....	124	2,239	515	62	2,816	2,699	11	22	1	38	5,673
WARD 25.											
Precinct 1....	10	283	53	7	343	243	.....	.....	1	11	597
" 2....	8	123	42	6	171	298	.....	5	.....	4	482
" 3....	5	134	44	2	180	379	.....	4	.....	1	568
" 4....	5	221	33	6	260	72	.....	3	.....	5	340
" 5....	6	290	47	6	343	169	.....	3	.....	6	521
" 6....	9	311	72	8	391	364	.....	2	.....	2	766
" 7....	3	262	53	9	324	253	3	.....	.....	6	583
Totals....	46	1,624	344	44	2,012	1,778	3	17	1	35	3,857
Totals for city,	1,886	40,957	8,197	1,341	50,495	28,751	171	210	6	1,089	81,519

Proportion of men registered who voted for Governor, 75 per cent.

Votes Cast for Lieutenant Governor, State Election, 1911.

WARD 1.	WALTER S. HUTCHINS, Socialist.	ROBERT LUCE, Republican.	WILLIAM G. MERRILL, Prohibition.	PATRICK MULLIGAN, Socialist Labor.	DAVID I. WALSH, Democratic Progressive. Democratic.	Blanks.	Totals for all Candidates for Lieutenant Governor.
Precinct 1.....	6	129	1	2	118	6	256
" 2.....	6	158	3	.....	110	7	277
" 3.....	5	269	7	.....	180	19	461
" 4.....	8	199	7	2	228	20	444
" 5.....	13	121	4	4	284	21	426
" 6.....	24	50	1	4	291	39	370
" 7.....	13	129	3	.....	365	25	510
" 8.....	11	156	1	1	495	39	664
" 9.....	8	148	1	3	258	19	418
Totals.....	94	1,359	28	16	2,329	195	3,826
WARD 2.							
Precinct 1.....	7	44	.....	1	189	23	241
" 2.....	2	25	2	1	148	11	178
" 3.....	5	48	.....	1	218	16	272
" 4.....	9	38	2	2	178	23	229
" 5.....	5	35	3	3	160	21	206
" 6.....	8	79	3	6	194	10	290
" 7.....	6	46	.....	4	320	41	376
" 8.....	21	49	1	3	228	28	302
Totals.....	63	364	11	21	1,635	173	2,094
WARD 3.							
Precinct 1.....	.....	102	1	.....	226	10	329
" 2.....	5	39	2	2	293	17	341
" 3.....	8	57	1	.....	310	14	376
" 4.....	4	18	.....	2	332	22	356
" 5.....	5	32	.....	2	354	14	393
" 6.....	1	13	.....	1	268	22	283
Totals.....	23	261	4	7	1,783	99	2,078

Votes Cast for Lieutenant Governor, State Election, 1911.

WARD 4.	WALTER S. HUTCHINS, Socialist.	ROBERT LUCE, Republican.	WILLIAM G. MERRILL, Prohibition.	PATRICK MULLIGAN, Socialist Labor.	DAVID I. WALSH, Democratic Progressive. Democratic.	Blanks.	Totals for all Candidates for Lieutenant Governor.
Precinct 1.....	9	17	1	1	256	10	284
" 2.....	7	58	2	3	162	11	232
" 3.....	8	58	3	1	255	7	325
" 4.....	2	34	1	2	205	9	244
" 5.....	4	12	1	4	195	7	216
" 6.....	2	43	1	.....	130	7	176
Totals.....	32	222	9	11	1,203	51	1,477
WARD 5.							
Precinct 1.....	5	98	2	1	193	4	299
" 2.....	6	46	2	3	356	7	413
" 3.....	4	8	.....	1	200	10	213
" 4.....	2	42	1	1	128	10	174
" 5.....	4	32	.....	2	257	19	295
" 6.....	4	32	1	.....	193	11	230
Totals.....	25	258	6	8	1,327	61	1,624
WARD 6.							
Precinct 1.....	2	12	1	1	98	14	114
" 2.....	8	62	2	3	120	42	195
" 3.....	4	43	1	4	164	40	216
" 4.....	6	36	2	2	135	50	181
" 5.....	6	52	3	3	184	36	248
" 6.....	4	112	4	2	117	4	239
" 7.....	6	46	1	4	187	35	244
" 8.....	1	20	1	.....	104	37	126
Totals.....	37	383	15	19	1,109	258	1,563

Votes Cast for Lieutenant Governor, State Election, 1911.

WARD 7.	WALTER S. HUTCHINS Socialist.	ROBERT LUCE, Republican.	WILLIAM G. MERRILL, Prohibition	PATRICK MULLIGAN, Socialist Labor.	DAVID I. WALSH, Democratic Progressive, Democratic.	Blanks.	Totals for all Candidates for Lieutenant Governor.
Precinct 1.....	1	26	.....	.....	70	.....	97
" 2.....	8	39	.....	1	125	9	173
" 3.....	15	61	.....	1	240	16	317
" 4.....	4	50	1	2	183	22	240
" 5.....	6	16	1	3	230	33	256
" 6.....	5	14	1	4	150	7	174
Totals.....	39	206	3	11	998	87	1,257
WARD 8.							
Precinct 1.....	19	15	1	5	375	21	415
" 2.....	11	57	1	.....	390	6	459
" 3.....	8	166	.....	3	315	8	492
" 4.....	36	65	.....	1	424	17	526
" 5.....	34	43	1	2	264	30	344
" 6.....	35	60	3	8	369	20	475
Totals.....	143	406	6	19	2,137	102	2,711
WARD 9.							
Precinct 1.....	28	66	.....	3	244	30	341
" 2.....	14	49	4	5	292	33	364
" 3.....	13	20	.....	7	139	37	179
" 4.....	13	42	1	3	291	19	350
" 5.....	15	109	3	5	203	11	335
" 6.....	9	130	2	2	201	11	344
" 7.....	6	22	2	.....	213	16	243
Totals.....	98	438	12	25	1,583	157	2,156

Votes Cast for Lieutenant Governor, State Election, 1911.

WARD 10.	WALTER S. HUTCHINS, Socialist.	ROBERT LUCE, Republican.	WILLIAM G. MERRILL, Prohibition.	PATRICK MULLIGAN, Socialist Labor.	DAVID I. WALSH, Democratic Progressive. Democratic.	Blanks.	Totals for all Candidates for Lieutenant Governor.
Precinct 1.....	4	43	1	2	145	8	195
" 2.....	6	88	.....	.....	127	3	221
" 3.....	7	106	.....	.....	106	6	219
" 4.....	13	102	4	1	80	9	200
" 5.....	6	111	2	1	66	5	186
" 6.....	9	142	2	1	90	8	244
" 7.....	8	340	4	.....	193	15	545
" 8.....	11	276	3	2	205	12	497
" 9.....	12	325	4	3	156	6	500
Totals.....	76	1,533	20	10	1,168	72	2,807
WARD 11.							
Precinct 1.....	17	176	1	3	164	14	361
" 2.....	27	73	3	2	123	9	228
" 3.....	11	159	3	3	181	13	357
" 4.....	1	280	.....	.....	120	11	401
" 5.....	1	222	.....	.....	46	5	269
" 6.....	1	144	1	.....	48	5	194
" 7.....	.....	207	3	.....	61	4	271
" 8.....	1	258	1	.....	53	3	313
" 9.....	3	418	2	1	166	9	590
Totals.....	62	1,937	14	9	962	73	2,984
WARD 12.							
Precinct 1.....	14	240	2	5	195	14	456
" 2.....	9	221	1	1	144	12	376
" 3.....	5	95	1	1	181	17	283
" 4.....	8	188	2	.....	269	14	467
" 5.....	4	150	1	1	163	37	319
" 6.....	10	104	.....	.....	324	18	438
" 7.....	8	69	1	6	334	12	418
Totals.....	58	1,067	8	14	1,610	124	2,757

Votes Cast for Lieutenant Governor, State Election, 1911.

WARD 13.		WALTER S. HUTCHINS, Socialist.	ROBERT LUCE, Republican.	WILLIAM G. MERRILL, Prohibition.	PATRICK MULLIGAN, Socialist Labor.	DAVID I. WALSH, Democratic Progressive. Democratic.	Blanks.	Totals for all Candidates for Lieutenant Governor.
Precinct 1		6	18		3	201	17	228
" 2		4	14	2		188	11	208
" 3		8	12		3	143	13	166
" 4		6	18	1	6	221	18	252
" 5		6	31		6	239	10	282
" 6		6	19		4	193	11	222
" 7		6	25	1	3	246	17	281
" 8		10	17		1	242	15	270
Totals		52	154	4	26	1,673	112	1,909
WARD 14.								
Precinct 1		10	46	2	5	326	16	389
" 2		12	28	1	2	346	23	389
" 3		8	49		1	266	5	324
" 4		22	108	1	5	266	5	402
" 5		26	128	2	10	296	9	462
" 6		21	128	1	5	213	7	368
" 7		10	90		4	321	12	425
" 8		13	145	2	3	340	14	503
Totals		122	722	9	35	2,374	91	3,262
WARD 15.								
Precinct 1		5	26		1	146	7	178
" 2		15	23	3		313	17	354
" 3		6	41		6	287	18	340
" 4		3	37		1	225	6	266
" 5		7	52			330	14	389
" 6		11	92	2	4	256	5	365
" 7		24	92	1	3	314	10	434
" 8		11	65	4	7	256	10	343
Totals		82	428	10	22	2,127	87	2,669

Votes Cast for Lieutenant Governor, State Election, 1911.

WARD 16.	WALTER S. HUTCHINS, Socialist.	ROBERT LUCE, Republican.	WILLIAM G. MERRILL, Prohibition.	PATRICK MULLIGAN, Socialist Labor.	DAVID I. WALSH, Democratic Progressive. Democratic.	Blanks.	Totals for all Candidates for Lieutenant Governor.
Precinct 1.....	7	49	4	3	182	12	245
" 2.....	9	65	2	5	363	17	444
" 3.....	11	92	.....	2	519	21	624
" 4.....	8	193	3	4	286	7	494
" 5.....	6	163	3	3	306	10	481
" 6.....	10	251	2	2	204	10	469
" 7.....	19	112	2	6	364	20	503
Totals.....	70	925	16	25	2,224	97	3,260
WARD 17.							
Precinct 1.....	6	21	.....	3	187	25	217
" 2.....	6	17	1	5	270	6	299
" 3.....	6	113	2	2	212	4	335
" 4.....	15	188	.....	2	318	20	523
" 5.....	3	39	.....	1	240	15	283
" 6.....	3	18	1	2	205	14	229
" 7.....	6	33	.....	1	371	14	411
" 8.....	6	58	4	4	454	24	526
" 9.....	7	79	4	1	300	12	391
Totals.....	58	566	12	21	2,557	134	3,214
WARD 18.							
Precinct 1.....	6	96	1	4	240	19	347
" 2.....	9	122	2	.....	164	26	297
" 3.....	17	187	1	2	111	18	318
" 4.....	16	160	2	3	213	24	394
" 5.....	13	43	.....	5	343	20	404
" 6.....	5	120	2	4	346	54	477
Totals.....	66	728	8	18	1,417	161	2,237

Votes Cast for Lieutenant Governor, State Election, 1911.

WARD 19.	WALTER S. HUTCHINS, Socialist.	ROBERT LUCE, Republican.	WILLIAM G. MERRILL, Prohibition.	PATRICK MULLIGAN, Socialist Labor.	DAVID I. WALSH, Democratic Progressive. Democratic.	All Others.	Blanks.	Totals for all Candidates for Lieutenant Governor.
Precinct 1.....	12	92	3	7	399	.....	19	513
" 2.....	9	50	.....	5	209	.....	16	273
" 3.....	4	28	.....	1	391	.....	37	424
" 4.....	16	25	2	1	368	.....	14	412
" 5.....	8	59	.....	1	219	.....	6	287
" 6.....	16	93	2	6	304	.....	15	421
" 7.....	5	31	2	4	511	.....	16	553
" 8.....	12	51	4	1	483	.....	17	551
" 9.....	23	83	5	2	311	.....	15	424
Totals.....	105	512	18	28	3,195	.....	155	3,858
WARD 20.								
Precinct 1.....	8	177	1	3	303	.....	18	492
" 2.....	5	209	.....	6	366	.....	11	586
" 3.....	6	215	1	3	388	.....	10	613
" 4.....	4	207	1	2	303	.....	9	517
" 5.....	8	91	.....	3	448	.....	10	550
" 6.....	12	174	3	2	299	1	7	491
" 7.....	6	322	4	3	279	.....	5	614
" 8.....	4	421	2	1	208	.....	14	636
" 9.....	5	284	6	1	253	.....	7	549
" 10.....	7	384	2	.....	275	.....	6	668
" 11.....	27	226	1	1	235	.....	24	490
" 12.....	11	258	1	3	230	.....	3	503
" 13.....	10	180	2	2	268	.....	12	462
" 14.....	6	137	4	1	432	.....	16	580
" 15.....	23	182	2	1	271	.....	25	479
" 16.....	6	249	3	2	320	.....	3	580
Totals.....	148	3,716	33	34	4,878	1	180	8,810

Votes Cast for Lieutenant Governor, State Election, 1911.

WARD 21.	WALTER S. HUTCHINS, Socialist.	ROBERT LUCE, Republican.	WILLIAM G. MERRILL, Prohibition.	PATRICK MULLIGAN, Socialist Labor.	DAVID I. WALSH, Democratic Progressive. Democratic.	Blanks.	Totals for all Candidates for Lieutenant Governor.
Precinct 1.....	2	186	4	3	219	10	414
" 2.....	9	102	2	.....	230	9	343
" 3.....	3	123	4	1	235	8	366
" 4.....	3	195	4	.....	183	10	385
" 5.....	14	183	1	1	205	8	404
" 6.....	2	222	6	1	151	6	382
" 7.....	9	152	4	1	232	12	398
" 8.....	14	236	6	3	174	15	433
" 9.....	6	201	2	.....	175	11	384
" 10.....	11	163	1	1	161	8	337
" 11.....	7	208	4	1	211	16	431
" 12.....	5	90	4	3	170	4	272
Totals.....	85	2,061	42	15	2,346	117	4,549
WARD 22.							
Precinct 1.....	28	253	3	4	403	21	691
" 2.....	23	90	5	3	415	25	536
" 3.....	6	32	2	4	290	17	334
" 4.....	33	222	7	9	300	17	571
" 5.....	27	135	.....	10	332	16	504
" 6.....	17	251	4	2	194	10	468
" 7.....	12	223	2	1	194	7	432
" 8.....	36	131	2	6	339	13	514
Totals.....	182	1,337	25	39	2,467	126	4,050
WARD 23.							
Precinct 1.....	1	182	.....	.....	151	12	334
" 2.....	13	98	7	3	436	15	557
" 3.....	9	37	3	6	302	20	357
" 4.....	19	182	5	2	459	10	667
" 5.....	25	291	2	9	455	15	782
" 6.....	29	409	6	2	317	17	763
" 7.....	21	362	5	7	239	7	634
" 8.....	10	410	3	.....	175	5	598
" 9.....	9	116	2	4	206	11	337
Totals.....	136	2,087	33	33	2,740	112	5,029

Votes Cast for Lieutenant Governor, State Election, 1911.

WARD 24.	WALTER S. HUTCHINS, Socialist.	ROBERT LUCE, Republican.	WILLIAM G. MERRILL, Prohibition.	PATRICK MULLIGAN, Socialist Labor.	DAVID I. WALSH, Democratic Progressive. Democratic.	All Others.	Blanks.	Totals for all Candidates for Lieutenant Governor.
Precinct 1.....	11	90	1	5	222	.....	23	329
" 2.....	12	94	.....	5	244	.....	17	355
" 3.....	8	226	1	2	242	.....	7	479
" 4.....	11	215	3	1	211	.....	12	441
" 5.....	4	258	2	4	204	.....	5	472
" 6.....	7	182	4	3	182	.....	14	378
" 7.....	10	249	.....	1	187	.....	10	447
" 8.....	11	327	4	4	316	.....	12	662
" 9.....	29	232	3	1	279	.....	18	544
" 10.....	20	272	3	4	235	.....	8	534
" 11.....	5	220	2	2	210	.....	21	439
" 12.....	14	202	4	17	234	.....	13	471
Totals.....	142	2,567	27	49	2,766	.....	160	5,551
WARD 25.								
Precinct 1.....	14	239	5	2	329	1	18	590
" 2.....	6	303	5	.....	159	.....	13	473
" 3.....	9	368	7	.....	171	.....	14	555
" 4.....	6	59	2	3	260	.....	15	330
" 5.....	8	144	2	1	361	.....	11	516
" 6.....	11	365	6	3	365	.....	18	750
" 7.....	4	228	2	2	334	.....	19	570
Totals.....	58	1,706	29	11	1,979	1	108	3,784
Totals for city.....	2,056	25,943	402	526	50,587	2	3,092	79,516

Proportion of men registered who voted for Lieutenant Governor, 73 per cent.

Votes Cast for State Officers (except Governor and Lieutenant Governor), State Election, 1911.

CANDIDATES FOR SECRETARY.	Votes Cast.
David Craig, Socialist Labor	1,020
Frank J. Donahue, Democratic Progressive, Democratic	46,557
Alfred H. Evans, Prohibition	802
Rose Fenner, Socialist	1,551
Albert P. Langtry, Republican	27,089
Total	77,019
Blanks	5,589

Proportion of men registered who voted for Secretary, 71 per cent.

CANDIDATES FOR TREASURER AND RECEIVER GENERAL.	Votes Cast.
Joseph M. Coldwell, Socialist	1,993
Jeremiah P. McNally, Socialist Labor	797
Charles E. Peakes, Prohibition	498
Elmer A. Stevens, Republican	27,480
Augustus L. Thorndike, Democratic Progressive, Democratic, All others	45,436
	1
Total	76,205
Blanks	6,403

Proportion of men registered who voted for Treasurer, 70 per cent.

CANDIDATES FOR AUDITOR.	Votes Cast.
Karl Lindstrand, Socialist Labor	870
Sylvester J. McBride, Socialist	1,703
William W. Nash, Prohibition	590
Charles B. Strecker, Democratic Progressive, Democratic	46,636
John E. White, Republican	25,837
Total	75,636
Blanks	6,972

Proportion of men registered who voted for Auditor, 70 per cent.

Votes Cast for State Officers (except Governor and Lieutenant Governor), State Election, 1911.

CANDIDATES FOR ATTORNEY GENERAL.	Votes Cast.
George W. Anderson, Democratic Progressive, Democratic,	46,329
Henry C. Hess, Socialist Labor.....	852
George E. Roewer, Jr., Socialist.....	1,719
James M. Swift, Republican.....	26,934
All others.....	2
Total.....	75,736
Blanks.....	6,772

Proportion of men registered who voted for Attorney General, 70 per cent.

Votes Cast for Councilor, State Election, 1911.

SECOND DISTRICT.

WARDS.	J. STEARNS CUSHING, Republican.	HENRY J. DIXON, Democratic.	All Others.	Blanks.
20.....	3,972	4,359	.....	659
21.....	2,245	1,995	.....	426
23.....	2,320	2,430	.....	391
24.....	2,758	2,440	1	512
Totals.....	11,295	11,224	1	1,998

Registered voters, 31,851.

Votes cast, 22,520.

Proportion of men registered who voted for Councilor, 71 per cent.

The balance of this district comprises the First Bristol and the First and Second Norfolk Senatorial Districts.

Votes Cast for Councilor, State Election, 1911.

THIRD DISTRICT.

WARDS.	JOHN QUINN, JR., Democratic.	HENRY A. SAVAGE, Republican.	All others.	Blanks.
2.....	1,613	337	.....	317
3.....	1,750	249	.....	178
4.....	1,170	228	.....	130
5.....	1,281	251	.....	153
6.....	1,064	326	.....	431
7.....	1,016	193	.....	135
8.....	2,012	415	1	385
9.....	1,554	401	.....	358
12.....	1,450	1,173	.....	258
13.....	1,676	151	.....	194
14.....	2,315	736	.....	302
15.....	2,108	444	.....	204
16.....	2,123	976	.....	258
17.....	2,439	599	.....	310
18.....	1,358	687	.....	353
19.....	3,070	591	.....	352
22.....	2,201	1,570	.....	405
Totals.....	30,200	9,327	1	4,723

Registered voters, 58,915.

Votes cast, 39,528.

Proportion of men registered who voted for Councilor, 67 per cent.

The balance of this district comprises Wards 1, 2, 3 and 4 in Cambridge.

Votes Cast for Councilor, State Election, 1911.

FOURTH DISTRICT.

WARDS.	EDWARD B. JAMES, Democratic.	ALEXANDER MCGREGOR, Republican.	All Others.	Blanks.
1.....	2,025	1,500	2	494
10.....	921	1,685	.....	273
11.....	783	2,039	.....	235
25.....	1,746	1,844	.....	302
Totals.....	5,475	7,068	2	1,304

Registered voters, 17,620.

Votes cast, 12,545.

Proportion of men registered who voted for Councilor, 71 per cent.

The balance of this district comprises Chelsea, Revere, Winthrop and the Second, Third and Fourth Middlesex Senatorial Districts.

Votes Cast for Senator, State Election, 1911.

FIRST SUFFOLK DISTRICT.

WARD 1.	EDWARD J. GRAINGER, Democratic.	HENRY G. HICHBORN, Democratic Progressive.	WILLIAM M. ROBINSON, Republican.	Blanks.
Precinct 1.....	117	8	117	20
" 2.....	108	7	155	14
" 3.....	177	8	269	26
" 4.....	231	7	192	34
" 5.....	283	8	126	30
" 6.....	298	11	44	56
" 7.....	353	8	137	37
" 8.....	468	18	173	44
" 9.....	236	7	163	31
Totals.....	2,271	82	1,376	292

Registered voters, 5,082.

Votes cast, 3,729.

Proportion of men registered who voted for Senator, 78 per cent.

The balance of this district comprises Chelsea, Revere and Winthrop.

Votes Cast for Senator, State Election, 1911.

SECOND SUFFOLK DISTRICT.

WARD 2.		ARTHUR W. FORBUSH, Republican.	JAMES A. HATTON, Democratic.	All Others.	Blanks.
Precinct 1	.....	43	170	.....	51
" 2	.....	29	137	.....	23
" 3	.....	44	207	.....	37
" 4	.....	38	167	.....	47
" 5	.....	33	153	.....	41
" 6	.....	72	195	.....	33
" 7	.....	43	312	.....	62
" 8	.....	45	210	.....	75
Totals.....		347	1,551	.....	369
WARD 3.					
Precinct 1	.....	106	208	.....	25
" 2	.....	48	279	.....	31
" 3	.....	62	285	.....	43
" 4	.....	17	313	.....	48
" 5	.....	34	336	.....	37
" 6	.....	14	255	1	35
Totals.....		281	1,676	1	219
WARD 4.					
Precinct 1	.....	28	237	.....	29
" 2	.....	59	158	.....	26
" 3	.....	63	243	.....	26
" 4	.....	37	196	.....	20
" 5	.....	13	184	.....	26
" 6	.....	44	122	.....	17
Totals.....		244	1,140	.....	144
WARD 5.					
Precinct 1	.....	91	189	.....	23
" 2	.....	50	327	.....	43
" 3	.....	11	186	.....	26
" 4	.....	45	117	.....	22
" 5	.....	31	242	.....	41
" 6	.....	27	192	.....	22
Totals.....		255	1,253	.....	177
Grand totals.....		1,127	5,620	1	909

Registered voters, 10,400.

Votes cast, 6,748.

Proportion of men registered who voted for Senator, 66 per cent.

The balance of this district comprises Wards 1, 2 and 3 in Cambridge.

Votes Cast for Senator, State Election, 1911.

THIRD SUFFOLK DISTRICT.

WARD 6.	WILLIAM C. LANE, Republican.	JOSEPH P. LOMASNEY, Democratic.	All Others.	Blanks.
Precinct 1.....	2	91	.....	35
" 2.....	53	117	.....	67
" 3.....	34	155	.....	67
" 4.....	34	124	.....	73
" 5.....	63	148	.....	73
" 6.....	118	100	.....	25
" 7.....	47	165	.....	67
" 8.....	23	105	.....	35
Totals.....	374	1,005	.....	442
WARD 7.				
Precinct 1.....	32	59	.....	6
" 2.....	57	101	.....	24
" 3.....	242	56	.....	35
" 4.....	66	148	.....	48
" 5.....	23	211	.....	55
" 6.....	25	141	.....	15
Totals.....	445	716	.....	183
WARD 8.				
Precinct 1.....	25	344	.....	67
" 2.....	41	383	.....	41
" 3.....	171	291	3	35
" 4.....	72	401	.....	70
" 5.....	48	258	.....	68
" 6.....	69	364	.....	62
Totals.....	426	2,041	3	343
Grand totals.....	1,245	3,762	3	968

Registered voters, 7,424.

Votes cast, 5,010.

Proportion of men registered who voted for Senator, 67 per cent.

The balance of this district comprises Ward 4 in Cambridge.

Votes Cast for Senator, State Election, 1911.

FOURTH SUFFOLK DISTRICT.

WARD 9.	TIMOTHY L. CONNOLLY, Democratic Progressive.	FREEMAN O. EMERSON, Republican.	THOMAS M. JOYCE, Democratic.	All Others.	Blanks.
Precinct 1.....	58	70	198	.....	45
" 2.....	57	48	243	.....	49
" 3.....	40	29	108	.....	39
" 4.....	60	38	228	.....	43
" 5.....	48	105	158	.....	35
" 6.....	53	128	150	.....	24
" 7.....	25	29	182	.....	23
Totals.....	341	447	1,267	.....	258
WARD 12.					
Precinct 1.....	74	257	97	.....	42
" 2.....	43	240	73	.....	32
" 3.....	42	111	113	.....	34
" 4.....	59	197	186	.....	39
" 5.....	39	179	110	.....	28
" 6.....	68	103	260	.....	25
" 7.....	57	63	272	.....	38
Totals.....	382	1,150	1,111	.....	238
WARD 17.					
Precinct 1.....	54	33	137	.....	18
" 2.....	46	26	215	1	17
" 3.....	53	128	145	.....	13
" 4.....	95	174	232	.....	42
" 5.....	34	50	206	.....	8
" 6.....	27	18	186	.....	12
" 7.....	66	47	276	.....	36
" 8.....	82	82	354	.....	32
" 9.....	64	100	216	.....	23
Totals.....	521	658	1,967	1	201
Grand totals.....	1,244	2,255	4,345	1	697

Registered voters, 11,378.

Votes cast, 7,845.

Proportion of men registered who voted for Senator, 69 per cent.

Votes Cast for Senator, State Election, 1911.

FIFTH SUFFOLK DISTRICT.

WARD 10.		PATRICK WILLIAM MORIARTY, Democratic.	GEORGE HOLDEN TINKHAM, Republican.	Blanks.
Precinct 1	1	137	47	19
"	2	100	107	17
"	3	81	126	18
"	4	71	118	20
"	5	37	131	23
"	6	63	165	24
"	7	110	424	26
"	8	145	335	29
"	9	96	376	34
Totals		840	1,829	210
WARD 11.				
Precinct 1	1	126	206	43
"	2	122	76	39
"	3	153	176	41
"	4	77	309	26
"	5	22	242	10
"	6	27	162	10
"	7	39	228	8
"	8	11	296	9
"	9	82	491	26
Totals		659	2,186	212
WARD 25.				
Precinct 1	1	274	285	49
"	2	112	340	34
"	3	94	445	30
"	4	225	84	36
"	5	298	195	34
"	6	299	424	45
"	7	287	268	34
Totals		1,589	2,041	262
Grand totals		3,088	6,056	684

Registered voters, 12,538.

Votes cast, 9,144.

Proportion of men registered who voted for Senator, 73 per cent.

Votes Cast for Senator, State Election, 1911.

SIXTH SUFFOLK DISTRICT.

WARD 13.		CHARLES D. CHENEY, Republican.	JAMES F. POWERS, Democratic.	All Others.	Blanks.
Precinct 1.....		32	190		23
" 2.....		22	181	1	15
" 3.....		23	129		27
" 4.....		39	196		35
" 5.....		39	224		29
" 6.....		39	165		29
" 7.....		48	206		44
" 8.....		31	221		33
Totals.....		273	1,512	1	235
WARD 14.					
Precinct 1.....		65	303		37
" 2.....		50	313		49
" 3.....		62	228		39
" 4.....		125	248		34
" 5.....		135	226		110
" 6.....		135	207		33
" 7.....		107	283		47
" 8.....		150	315	5	47
Totals.....		829	2,123	5	396
WARD 15.					
Precinct 1.....		30	139		16
" 2.....		30	298	1	42
" 3.....		53	268		37
" 4.....		52	194	1	25
" 5.....		70	293		40
" 6.....		102	232	1	35
" 7.....		107	293		44
" 8.....		82	245		26
Totals.....		526	1,962	3	265

Votes Cast for Senator, State Election, 1911.

SIXTH SUFFOLK DISTRICT.—*Concluded.*

WARD 16.	CHARLES D. CHENEY, Republican.	JAMES F. POWERS, Democratic.	All Others.	Blanks.
Precinct 1.....	58	171	.....	28
" 2.....	78	333	1	49
" 3.....	123	473	.....	49
" 4.....	204	249	.....	48
" 5.....	177	283	.....	31
" 6.....	271	180	.....	28
" 7.....	122	330	.....	71
Totals.....	1,033	2,019	1	304
Grand totals.....	2,661	7,616	10	1,200

Registered voters, 15,709.

Votes cast, 10,287.

Proportion of men registered who voted for Senator, 65 per cent.

Votes Cast for Senator, State Election, 1911.

SEVENTH SUFFOLK DISTRICT.

WARD 18.		CHARLES H. BRYANT, Republican.	JAMES P. TIMILTY, Democratic.	Blanks.
Precinct 1	1	143	191	32
"	2	137	131	55
"	3	157	81	98
"	4	179	194	45
"	5	77	321	26
"	6	134	379	18
Totals		827	1,297	274
WARD 19.				
Precinct 1	1	143	345	44
"	2	79	183	27
"	3	51	358	52
"	4	57	321	48
"	5	104	169	20
"	6	145	250	41
"	7	87	439	43
"	8	101	419	48
"	9	126	276	37
Totals		893	2,760	360
WARD 22.				
Precinct 1	1	363	277	72
"	2	160	336	65
"	3	57	265	29
"	4	297	216	75
"	5	213	251	56
"	6	314	118	46
"	7	267	148	24
"	8	172	295	60
Totals		1,843	1,906	427
Grand totals		3,563	5,963	1,061

Registered voters, 14,004.

Votes cast, 9,526.

Proportion of men registered who voted for Senator, 68 per cent.

Votes Cast for Senator, State Election, 1911.

EIGHTH SUFFOLK DISTRICT.

WARD 20.		EDWARD W. BURNS, Democratic Progressive.	ROBERT P. CLARKSON, Democratic.	THOMAS M. VINSON, Republican.	Blanks.
Precinct 1	1	105	214	164	27
"	2	84	275	205	33
"	3	68	304	225	26
"	4	44	247	202	33
"	5	66	368	101	25
"	6	56	237	177	28
"	7	44	239	309	27
"	8	17	207	403	23
"	9	30	226	272	28
"	10	44	237	361	32
"	11	44	193	226	51
"	12	45	197	247	17
"	13	47	198	189	40
"	14	53	362	138	43
"	15	54	199	181	70
"	16	51	249	249	34
Totals		852	3,952	3,649	537
WARD 21.					
Precinct 1	1	40	168	188	28
"	2	41	155	128	28
"	3	32	192	125	25
"	4	25	154	196	20
"	5	43	149	198	22
"	6	28	107	233	20
"	7	44	162	175	29
"	8	25	134	248	41
"	9	36	126	208	25
"	10	26	122	178	19
"	11	26	164	218	39
"	12	18	150	93	15
Totals		384	1,783	2,188	311
Grand totals		1,236	5,735	5,837	848

Registered voters, 17,875.

Votes cast, 12,808.

Proportion of men registered who voted for Senator, 72 per cent.

Votes Cast for Senator, State Election, 1911.

NINTH SUFFOLK DISTRICT.

WARD 23.		EDWARD W. BREWER, Republican.	FRANCIS J. HORGAN, Democratic.	All Others.	Blanks.
Precinct	1	186	149		11
"	2	106	439		27
"	3	46	316		15
"	4	191	447		39
"	5	266	500		31
"	6	407	340		33
"	7	388	228		25
"	8	429	162		12
"	9	104	229		15
Totals.....		2,123	2,810		208
WARD 24.					
Precinct	1	81	236		35
"	2	104	247		21
"	3	238	214		34
"	4	226	194		33
"	5	267	179		31
"	6	208	151		33
"	7	262	166		29
"	8	350	296	1	27
"	9	243	276		43
"	10	295	216		31
"	11	234	201		25
"	12	222	231		31
Totals.....		2,730	2,607	1	373
Grand totals.....		4,853	5,417	1	581

Registered voters, 13,976.

Votes cast, 10,271.

Proportion of men registered who voted for Senator, 73 per cent.

Votes Cast for Representatives, State Election, 1911.

FIRST DISTRICT.

WARD 1.	EDWARD C. R. BAGLEY, * Republican.	FREDERICK A. CRONIN, Republican.	THOMAS J. GIBLIN, Democratic.	FRANCIS A. GRIFFIN, 2d, Republican Independent.	BENJAMIN F. SULLIVAN, * Democratic.	Blanks.
Precinct 1.....	174	119	79	6	83	63
" 2.....	197	136	74	16	69	76
" 3.....	331	237	143	15	127	107
" 4.....	284	181	183	6	153	121
" 5.....	217	112	226	5	209	125
" 6.....	121	53	237	7	239	161
" 7.....	262	122	290	9	262	125
" 8.....	360	239	313	6	341	147
" 9.....	235	134	129	10	242	124
Totals.....	2,181	1,333	1,674	80	1,725	1,049

SECOND DISTRICT.

WARD 2.	MICHAEL J. BROPHY, * Democratic.	JOSEPH J. DENNISON, Republican.	ANDREW P. HICKEY, Socialist.	WILLIAM H. M. HORN, Socialist.	JOSEPH H. PENDERGAST, * Democratic.	Blanks.
Precinct 1.....	176	41	7	5	196	103
" 2.....	135	21	2	.....	153	67
" 3.....	210	39	6	6	233	82
" 4.....	170	33	13	6	181	101
" 5.....	168	29	8	8	157	84
" 6.....	188	69	21	13	188	121
" 7.....	359	37	12	5	297	124
" 8.....	213	39	21	17	215	155
Totals.....	1,619	308	90	60	1,620	837

* Elected.

Votes Cast for Representatives, State Election, 1911.

THIRD DISTRICT.

WARD 3.	JAMES J. BRENNAN,* Democratic.	DANIEL T. CALLAHAN, Republican.	FRANCIS E. KNIGHT, Republican.	WILLIAM J. MURRAY,* Democratic.	Blanks.
Precinct 1.....	158	172	76	156	116
“ 2.....	241	142	23	206	104
“ 3.....	231	163	47	196	143
“ 4.....	259	107	12	255	123
“ 5.....	254	148	23	263	126
“ 6.....	191	111	8	191	109
Totals.....	1,334	843	189	1,267	721

FOURTH DISTRICT.

WARD 4.	JAMES H. BRENNAN,* Democratic.	WILLIAM H. BRINTNALL, Republican.	PATRICK B. CARR,* Democratic.	JAMES I. GREEN,* Democratic.	GEORGE E. STAPLES, Republican.	HERBERT L. WOLFF, Republican.	Blanks.
Precinct 1.....	228	22	224	217	18	24	149
“ 2.....	149	55	148	134	56	54	133
“ 3.....	202	67	209	215	58	59	186
“ 4.....	179	26	186	187	23	28	130
“ 5.....	181	12	182	185	13	11	85
“ 6.....	112	39	113	110	41	46	88
Totals.....	1,051	221	1,062	1,048	209	222	771

WARD 5.							
Precinct 1.....	180	94	161	159	89	77	149
“ 2.....	320	47	304	291	44	39	215
“ 3.....	174	15	173	161	7	8	131
“ 4.....	115	39	104	104	41	36	113
“ 5.....	244	31	217	219	30	27	174
“ 6.....	201	25	168	161	25	20	123
Totals.....	1,234	251	1,127	1,095	236	207	905
Grand totals.....	2,285	472	2,189	2,143	445	429	1,676

* Elected.

Votes Cast for Representatives, State Election, 1911.

SIXTH DISTRICT.

WARD 6.	VINCENT BROGNA,* Democratic.	AMOS M. DeVITO, Republican.	ROCCO LEONE, Republican.	FRANCIS D. O'DONNELL,* Democratic.	DOMINICK RAGGIO, Democratic Independent.	All Others.	Blanks.
Precinct 1.....	75	13	15	100	3	.....	50
" 2.....	123	78	71	88	20	.....	94
" 3.....	129	78	48	124	23	1	109
" 4.....	105	90	35	100	6	.....	126
" 5.....	153	117	56	99	35	.....	108
" 6.....	66	92	109	104	3	.....	112
" 7.....	163	58	53	157	18	.....	109
" 8.....	109	25	28	85	11	.....	68
Totals.....	923	551	415	857	119	1	776

SEVENTH DISTRICT.

WARD 7.	WILLIAM A. H. CROWLEY, Democratic Citizen.	JOHN H. DONOVAN,* Democratic.	JOHN E. GILL, Republican.	HUBERT RILEY, Socialist.	Blanks.
Precinct 1.....	30	44	20	.....	3
" 2.....	80	68	23	2	9
" 3.....	136	158	27	7	5
" 4.....	40	184	32	3	3
" 5.....	158	121	2	1	7
" 6.....	94	79	3	2	3
Totals.....	538	654	107	15	30

* Elected.

Votes Cast for Representatives, State Election, 1911.

EIGHTH DISTRICT.

WARD 8.		HENRY BERCOWICH, Socialist.	ADOLPHUS M. BURROUGHS,* Democratic.	JAMES A. DE BELL, Socialist.	MARTIN M. LOMASNEY,* Democratic.	EUGENE G. SMITH, Republican.	JOHN B. TUTTLE, Republican.	Blanks.
Precinct 1.....		32	295	16	359	16	10	144
" 2.....		11	385	9	396	37	35	57
" 3.....		17	247	15	294	155	148	124
" 4.....		50	365	27	364	41	37	202
" 5.....		53	213	29	246	31	23	153
" 6.....		48	333	38	341	52	43	135
Totals.....		211	1,838	134	2,000	332	296	815

NINTH DISTRICT.

WARD 9.		NICHOLAS CARAFOTIAS, Republican.	ISAAC GORDON,* Democratic.	ABRAM HERMAN, Socialist.	JOSEPH LEONARD,* Democratic.	PETER E. RICHARDSON, Republican.	SAMUEL ZORN, Socialist.	All Others.	Blanks.
Precinct 1.....		36	266	21	230	43	15	....	131
" 2.....		26	269	16	213	74	11	1	184
" 3.....		9	139	20	117	9	17	....	121
" 4.....		17	237	13	293	29	10	....	139
" 5.....		72	168	20	177	102	13	....	140
" 6.....		103	147	10	181	110	10	....	149
" 7.....		17	157	3	178	20	2	....	141
Totals.....		280	1,383	103	1,389	387	78	1	1,005

* Elected.

Votes Cast for Representatives, State Election, 1911.

TENTH DISTRICT.

WARD 10.	CHANNING H. COX,* Republican.	JOHN J. FOLEY, Democratic.	WILLIAM S. KINNEY,* Republican.	GEORGE A. PERKINS, Democratic.	All Others.	Blanks.
Precinct 1.....	41	131	43	97	.....	94
" 2.....	88	102	89	80	.....	89
" 3.....	107	80	100	80	.....	83
" 4.....	105	61	103	56	.....	93
" 5.....	102	37	108	37	.....	98
" 6.....	137	61	138	59	.....	109
" 7.....	384	103	361	117	.....	155
" 8.....	288	139	283	131	.....	177
" 9.....	339	95	334	96	1	147
Totals.....	1,591	809	1,559	753	1	1,045

ELEVENTH DISTRICT.

WARD 11.	COURTENAY CROCKER,* Republican.	GRAFTON D. CUSHING,* Republican.	JOSEPH L. FROTHINGHAM, Democratic.	All Others.	Blanks.
Precinct 1.....	186	213	138	.....	213
" 2.....	70	76	120	.....	208
" 3.....	169	140	165	1	265
" 4.....	267	295	108	.....	154
" 5.....	215	239	37	.....	57
" 6.....	153	160	30	.....	55
" 7.....	201	224	45	.....	80
" 8.....	252	286	35	.....	59
" 9.....	427	474	121	.....	176
Totals.....	1,940	2,107	799	1	1,267

* Elected.

Votes Cast for Representatives, State Election, 1911.

TWELFTH DISTRICT.

WARD 12.	SETH F. ARNOLD, Republican.	WILLIAM BERWIN, Republican.	GEORGE T. DALY,* Democratic.	JAMES J. MURPHY,* Democratic.	Blanks.
Precinct 1.....	234	215	193	137	161
" 2.....	239	153	126	131	127
" 3.....	92	77	130	193	108
" 4.....	207	155	202	250	148
" 5.....	188	166	141	116	101
" 6.....	117	123	266	257	149
" 7.....	63	70	264	307	156
Totals.....	1,140	959	1,322	1,391	950

THIRTEENTH DISTRICT.

WARD 13.	DAVID F. BURKE, Socialist.	LEO F. MCCULLOUGH,* Democratic.	WILLIAM J. SULLIVAN,* Democratic.	Blanks.
Precinct 1.....	17	180	169	124
" 2.....	17	165	155	101
" 3.....	15	122	121	100
" 4.....	23	189	184	144
" 5.....	31	215	214	124
" 6.....	24	178	141	123
" 7.....	27	216	223	130
" 8.....	26	215	208	121
Totals.....	180	1,480	1,415	967

* Elected.

Votes Cast for Representatives, State Election, 1911.

FOURTEENTH DISTRICT.

WARD 14.	JACOB C. BIBBER, Republican.	WILLIAM J. HANRAHAN, Socialist.	WILLIAM P. HICKEY,* Democratic.	JOHN J. MURPHY,* Democratic.	ROBERT J. WARE, Republican.	Blanks.
Precinct 1.....	44	16	262	204	150	134
" 2.....	22	9	279	288	93	133
" 3.....	36	12	203	194	104	109
" 4.....	85	26	220	192	144	147
" 5.....	115	29	213	191	200	194
" 6.....	110	25	154	141	182	138
" 7.....	83	16	237	230	150	158
" 8.....	112	21	272	217	242	170
Totals.....	607	154	1,840	1,657	1,265	1,183

FIFTEENTH DISTRICT.

WARD 15.	JOHN J. CREED,* Democratic.	MICHAEL J. REIDY,* Democratic.	All Others.	Blanks.
Precinct 1.....	150	140	.....	80
" 2.....	291	294	1	156
" 3.....	278	274	.....	164
" 4.....	212	211	.....	121
" 5.....	314	306	.....	186
" 6.....	268	267	.....	205
" 7.....	334	322	3	229
" 8.....	272	266	.....	168
Totals.....	2,119	2,080	4	1,309

* Elected.

Votes Cast for Representatives, State Election, 1911.

SIXTEENTH DISTRICT.

WARD 16.	JOHN F. MCCARTHY, Democratic.	JOHN D. MCGIVERN, Democratic.	WILLIAM F. MULLIGAN, Republican.	NATHANIEL PERRY SIPPRELLE, Republican.	Blanks.
Precinct 1.....	171	155	50	44	94
" 2.....	324	314	77	60	147
" 3.....	474	464	101	78	173
" 4.....	249	224	188	180	161
" 5.....	269	234	168	163	148
" 6.....	173	162	251	253	119
" 7.....	280	301	157	105	203
Totals.....	1,940	1,854	992	883	1,045

SEVENTEENTH DISTRICT.

WARD 17.	JOHN D. CONNORS, Democratic.	THOMAS GRIEVE, Republican.	WILLIAM P. O'BRIEN, Democratic.	HERBERT D. STERLING, Republican.	All Others.	Blanks.
Precinct 1.....	169	19	162	23	.....	111
" 2.....	225	35	215	33	.....	102
" 3.....	173	118	169	122	1	95
" 4.....	272	176	263	171	.....	204
" 5.....	216	42	208	40	.....	90
" 6.....	173	21	160	21	2	109
" 7.....	326	35	337	29	.....	123
" 8.....	427	61	393	55	.....	164
" 9.....	251	81	249	88	.....	137
Totals.....	2,232	588	2,156	582	3	1,135

* Elected.

Votes Cast for Representatives, State Election, 1911.

EIGHTEENTH DISTRICT.

WARD 18.	DANIEL FRANCIS CRONIN,* Democratic.	CHARLES A. HEINTZ, Republican.	EDWARD EMMET McGRATH,* Democratic.	CHARLES H. SEALES, Republican.	Blanks.
Precinct 1.....	156	110	208	83	175
" 2.....	143	119	103	123	158
" 3.....	79	128	58	161	246
" 4.....	166	181	158	137	194
" 5.....	261	124	257	28	178
" 6.....	281	199	270	94	218
Totals.....	1,086	861	1,054	626	1,169

NINETEENTH DISTRICT.

WARD 19.	CHARLES J. FOX, Republican.	JACOB HOFFMAN, Socialist.	JAMES McINERNEY,* Democratic.	WILLIAM H. SULLIVAN,* Democratic.	Blanks.
Precinct 1.....	220	28	290	286	240
" 2.....	120	14	149	174	121
" 3.....	153	16	280	277	196
" 4.....	114	21	281	273	163
" 5.....	107	13	168	163	135
" 6.....	144	31	234	252	211
" 7.....	238	13	340	372	175
" 8.....	171	20	332	368	245
" 9.....	159	43	264	214	198
Totals.....	1,426	199	2,338	2,379	1,684

* Elected.

Votes Cast for Representatives, State Election, 1911.

TWENTIETH DISTRICT.

WARD 20.	OSCAR W. ALBERTI, Republican Citizens.	TILTON S. BELL, Republican.	ALBERT T. DAVIS, Republican Citizens.	JAMES FRANK EAGAN,* Democratic.	LOUIS A. FOLEY,* Democratic.	LUTHER C. GREENLEAF, Republican.	CHARLES W. JONES, Republican Citizens.	WILLIAM J. KELLY, Republican.	JAMES A. McELANEY, JR.,* Democratic.	Blanks.
Precinct 1.....	15	182	18	270	242	183	10	170	239	201
" 2.....	7	223	14	338	306	206	13	212	299	173
" 3.....	13	206	11	360	302	216	13	224	296	228
" 4.....	14	210	23	236	237	209	16	200	265	168
" 5.....	6	87	12	375	369	91	7	131	401	201
" 6.....	18	160	13	241	255	172	8	180	261	186
" 7.....	24	321	30	203	230	325	20	312	215	177
" 8.....	23	438	36	136	136	446	16	416	136	167
" 9.....	26	293	20	175	194	304	17	267	194	178
" 10.....	59	419	35	173	182	413	19	354	174	194
" 11.....	40	226	49	192	212	226	14	176	165	242
" 12.....	30	277	26	161	172	265	17	252	175	143
" 13.....	17	187	27	195	210	188	14	181	182	221
" 14.....	9	132	8	340	346	126	12	180	399	236
" 15.....	25	150	41	217	228	165	12	149	203	322
" 16.....	8	241	11	234	244	248	10	274	279	200
Totals.....	334	3,752	374	3,846	3,865	3,783	218	3,678	3,883	3,237

* Elected.

Votes Cast for Representatives, State Election, 1911.

TWENTY-FIRST DISTRICT.

WARD 21.	JOSEPH BERNARD AIGEN, Democratic.	JOHN BALLANTYNE, * Republican.	JAMES T. KENNEY, Democratic.	WALTER R. MEINS, * Republican.	Blanks.
Precinct 1.....	158	194	199	178	119
" 2.....	198	102	196	90	118
" 3.....	156	145	190	135	122
" 4.....	129	204	149	195	113
" 5.....	138	202	173	189	122
" 6.....	71	248	125	223	109
" 7.....	157	168	197	160	138
" 8.....	106	261	128	253	148
" 9.....	97	209	152	224	108
" 10.....	105	178	139	173	95
" 11.....	107	209	164	236	178
" 12.....	107	122	145	106	72
Totals.....	1,529	2,242	1,957	2,162	1,442

TWENTY-SECOND DISTRICT.

WARD 22.	JAMES F. GRIFFIN, * Democratic.	WILLIAM F. LEHMANN, Democratic Progressive.	JAMES P. MAGUIRE, * Democratic.	WILLIAM H. MORGAN, Republican.	JOSEPH H. WENTWORTH, Republican.	FRED E. WINTERS, Socialist.	Blanks.
Precinct 1.....	265	37	246	370	354	31	121
" 2.....	357	16	363	124	124	27	111
" 3.....	266	26	241	44	34	14	77
" 4.....	229	38	225	267	242	36	139
" 5.....	255	28	264	182	160	36	115
" 6.....	128	23	117	292	287	18	91
" 7.....	135	19	132	263	250	13	66
" 8.....	282	32	277	146	142	43	132
Totals.....	1,917	219	1,865	1,688	1,593	218	852

* Elected.

Votes Cast for Representatives, State Election, 1911.

TWENTY-THIRD DISTRICT.

WARD 23.	GEORGE W. P. BABB, Republican.	H. HECTOR BEATON, Socialist.	FRANCIS M. CUMMINGS,* Democratic.	* WILLIAM M. McMORROW, Democratic.	WILLARD N. POLAND, Republican.	Blanks.
Precinct 1	188	4	125	135	169	71
" 2	102	10	420	394	82	136
" 3	35	9	283	304	27	96
" 4	168	25	388	479	112	182
" 5	316	41	395	414	214	214
" 6	464	38	241	306	336	175
" 7	453	21	181	186	334	107
" 8	433	15	136	157	370	95
" 9	104	16	176	203	106	91
Totals	2,263	179	2,345	2,578	1,750	1,167

TWENTY-FOURTH DISTRICT.

WARD 24.	SANFORD BATES,* Republican.	JOHN HENRY BURNS, Independent Workingmen.	CHARLES L. CARR,* Republican.	THOMAS P. CURTIN, Democratic.	JAMES A. HART,* Republican.	WILLIAM H. O'BRIEN, Democratic.	JOHN J. REILLY, Democratic.	All Others.	Blanks.
Precinct 1	86	17	119	149	85	216	183	.....	201
" 2	101	30	112	196	99	212	207	.....	159
" 3	221	26	210	237	230	163	164	.....	207
" 4	229	26	224	162	257	144	150	.....	167
" 5	293	19	254	119	274	131	165	.....	176
" 6	178	21	176	139	184	151	163	.....	164
" 7	262	32	253	148	247	141	137	.....	151
" 8	336	38	342	235	363	227	229	3	249
" 9	240	80	226	227	230	197	200	.....	286
" 10	299	53	289	185	280	164	156	.....	200
" 11	236	21	228	167	251	161	160	.....	156
" 12	213	22	219	188	208	204	197	.....	201
Totals	2,694	385	2,652	2,152	2,708	2,111	2,111	3	2,317

* Elected.

Votes Cast for Representatives, State Election, 1911.

TWENTY-FIFTH DISTRICT.

WARD 25.	JOSEPH B. BROWN, Republican.	THOMAS F. J. CALLAHAN,* Democratic.	ALLEN CLARK, Democratic.	MARTIN HAYS,* Republican.	Blanks.
Precinct 1.....	209	326	275	256	150
" 2.....	285	122	136	328	101
" 3.....	355	116	118	410	139
" 4.....	49	250	209	89	93
" 5.....	155	304	271	193	131
" 6.....	386	297	256	429	168
" 7.....	220	291	255	273	139
Totals.....	1,659	1,706	1,520	1,978	921

* Elected.

Votes Cast for Clerk of Supreme Judicial Court,
Suffolk County, State Election, 1911.

WARDS.	JOHN F. CRONIN, Democratic Progressive. Democratic.	WALTER F. FREDERICK, Republican.	All Others.	Blanks.
1.....	1,742	1,953	.....	326
2.....	1,216	826	.....	225
3.....	1,575	426	.....	176
4.....	1,094	322	.....	112
5.....	1,160	377	.....	148
6.....	941	513	.....	367
7.....	866	321	1	156
8.....	1,946	611	.....	256
9.....	1,209	800	.....	304
10.....	789	1,927	.....	163
11.....	531	2,384	.....	142
12.....	1,277	1,391	.....	213
13.....	1,559	299	.....	163
14.....	2,129	952	.....	272
15.....	1,932	638	1	185
16.....	1,827	1,312	.....	218
17.....	2,262	804	.....	282
18.....	1,287	805	.....	306
19.....	2,886	852	.....	275
20.....	3,780	4,769	.....	441
21.....	1,820	2,586	.....	260
22.....	2,067	1,804	.....	305
23.....	2,408	2,503	.....	230
24.....	2,281	3,078	1	351
25.....	1,586	2,075	.....	231
Totals.....	42,170	34,328	3	6,107

Registered voters, 108,386.

Votes cast, 76,501.

Proportion of men registered who voted for Clerk of Supreme Judicial Court, 76 per cent.

The balance of this district comprises Chelsea, Revere and Winthrop.

Votes Cast for Clerk of Superior Court (Civil Session).
Suffolk County, State Election, 1911.

WARDS.	FRANCIS A. CAMPBELL, Republican, Democratic.	All Others.	Blanks.
1.....	2,953	.....	1,068
2.....	1,524	.....	743
3.....	1,650	2	525
4.....	1,150	.....	378
5.....	1,261	1	423
6.....	1,107	1	713
7.....	956	1	387
8.....	2,177	.....	636
9.....	1,664	.....	649
10.....	2,240	.....	639
11.....	2,562	1	494
12.....	2,283	.....	598
13.....	1,531	.....	490
14.....	2,636	1	716
15.....	2,119	1	636
16.....	2,694	.....	663
17.....	2,577	1	770
18.....	1,704	.....	694
19.....	3,060	.....	953
20.....	7,220	1	1,769
21.....	3,864	.....	802
22.....	3,217	.....	959
23.....	4,127	.....	1,014
24.....	4,504	2	1,205
25.....	3,039	.....	853
Totals.....	63,819	12	18,777

Registered voters, 108,386.

Votes cast, 63,831.

Proportion of men registered who voted for Clerk of Superior Court,
Civil Sessions, 59 per cent.

The balance of this district comprises Chelsea, Revere and Winthrop.

**Clerk of Superior Court (Criminal Session), Suffolk County,
State Election, 1911.**

WARDS.	JOHN P. MANNING, Republican, Democratic Progressive, Democratic.	All Others.	Blanks.
1.....	3,001	.....	1,020
2.....	1,588	.....	679
3.....	1,741	.....	436
4.....	1,188	.....	340
5.....	1,348	.....	337
6.....	1,116	1	704
7.....	996	1	347
8.....	2,252	.....	561
9.....	1,675	.....	638
10.....	2,262	.....	617
11.....	2,564	.....	493
12.....	2,289	.....	592
13.....	1,555	.....	466
14.....	2,702	.....	651
15.....	2,236	1	519
16.....	2,734	.....	623
17.....	2,755	2	591
18.....	1,772	.....	626
19.....	3,241	.....	772
20.....	7,339	1	1,650
21.....	3,890	.....	776
22.....	3,330	.....	846
23.....	4,180	.....	961
24.....	4,568	2	1,141
25.....	3,092	.....	800
Totals.....	65,414	8	17,186

Registered voters, 108,386.

Votes cast, 65,422.

Proportion of men registered who voted for Clerk of Superior Court,
Criminal Session, 60 per cent.

The balance of this district comprises Chelsea, Revere and Winthrop.

**Votes Cast for Register of Deeds, Suffolk County,
State Election, 1911.**

WARDS.	WILLIAM T. A. FITZGERALD, Republican, Democratic Progressive, Democratic.	All Others.	Blanks.
1.....	2,759	.....	1,262
2.....	1,554	.....	713
3.....	1,707	.....	470
4.....	1,128	.....	400
5.....	1,285	.....	400
6.....	1,065	1	755
7.....	964	1	379
8.....	2,051	.....	762
9.....	1,575	1	737
10.....	2,084	.....	795
11.....	2,388	.....	669
12.....	2,139	.....	742
13.....	1,519	1	501
14.....	2,539	1	813
15.....	2,140	1	615
16.....	2,561	2	794
17.....	2,612	2	734
18.....	1,708	.....	690
19.....	3,112	.....	901
20.....	6,834	1	2,155
21.....	3,544	.....	1,122
22.....	3,141	.....	1,035
23.....	3,902	.....	1,239
24.....	4,225	3	1,483
25.....	2,896	.....	996
Totals.....	61,432	14	21,162

Registered voters, 108,386.

Votes cast, 61,446.

Proportion of men registered who voted for Register of Deeds, 57 per cent.

The balance of this district comprises Chelsea, Revere and Winthrop.

Votes Cast on the Question: " Shall the Proposed Amendment to the Constitution Authorizing the Use of Voting Machines at all Elections be Approved and Ratified? " State Election, 1911.

WARDS.	Yes.	No.	Blanks.
1.....	1,910	908	1,203
2.....	916	517	834
3.....	931	612	634
4.....	665	420	443
5.....	744	445	496
6.....	792	335	694
7.....	612	262	470
8.....	897	1,244	672
9.....	1,129	477	707
10.....	1,717	479	683
11.....	1,772	582	703
12.....	1,510	640	731
13.....	850	539	632
14.....	1,667	726	960
15.....	1,289	705	762
16.....	1,766	774	817
17.....	1,620	836	892
18.....	1,029	590	779
19.....	1,886	1,051	1,076
20.....	5,048	1,921	2,021
21.....	2,607	1,033	1,026
22.....	2,253	935	988
23.....	2,704	1,209	1,228
24.....	2,983	1,234	1,494
25.....	2,080	825	987
Totals.....	41,377	19,299	21,932

Registered voters, 108,386.

Votes cast, 60,676.

Proportion of men registered who voted on the amendment, 56 per cent.

Votes Cast on the Question: " Shall the Proposed Amendment to the Constitution, Increasing the Power of the Legislature to Authorize the Taking of Land and Property for Highways or Streets, be Approved and Ratified? " State Election, 1911.

WARDS.	Yes.	No.	Blanks.
1.....	1,828	804	1,389
2.....	972	420	875
3.....	981	516	680
4.....	655	386	487
5.....	768	372	545
6.....	768	277	776
7.....	612	236	496
8.....	1,089	583	1,141
9.....	1,100	444	769
10.....	1,751	449	679
11.....	1,836	554	667
12.....	1,562	518	801
13.....	895	428	698
14.....	1,563	686	1,104
15.....	1,336	594	826
16.....	1,801	661	895
17.....	1,647	696	1,005
18.....	1,043	489	866
19.....	1,910	1,002	1,101
20.....	5,052	1,746	2,192
21.....	2,597	921	1,148
22.....	2,252	804	1,120
23.....	2,825	1,053	1,263
24.....	3,043	1,125	1,543
25.....	2,108	737	1,047
Totals.....	41,994	16,501	24,113

Registered voters, 108,386.

Votes cast, 58,495.

Proportion of men registered who voted on the amendment, 54 per cent.

Votes Cast on the Question: " Shall an Act Passed by the Legislature of the Commonwealth in the Year Nineteen Hundred and Eleven, Entitled 'An Act to Annex the Town of Hyde Park to the City of Boston,' be Accepted?" State Election, 1911.

WARDS.	Yes.	No.	Blanks.
1.....	2,251	583	1,887
2.....	1,171	358	738
3.....	1,390	340	447
4.....	940	231	357
5.....	1,055	256	374
6.....	797	380	644
7.....	788	159	397
8.....	1,776	380	657
9.....	1,493	267	553
10.....	1,915	433	531
11.....	1,804	656	597
12.....	1,822	456	603
13.....	1,224	271	526
14.....	2,055	523	775
15.....	1,759	422	575
16.....	2,178	566	613
17.....	2,093	513	742
18.....	1,432	334	632
19.....	2,659	583	771
20.....	5,784	1,780	1,426
21.....	3,039	854	773
22.....	2,742	736	698
23.....	3,149	1,282	710
24.....	3,573	1,194	944
25.....	2,353	724	815
Totals.....	51,242	14,281	17,085

Registered voters, 108,386.

Votes cast, 65,523.

Proportion of men registered who voted on the question, 60 per cent.

**Votes Cast on the Question: " Shall there be an Election for Mayor
at the next Municipal Election? " State Election, 1911.**

WARDS.	Yes.	No.	Blanks.
1.....	1,821	1,453	747
2.....	848	927	492
3.....	749	1,120	308
4.....	554	721	253
5.....	624	800	261
6.....	634	724	463
7.....	579	479	286
8.....	895	1,428	490
9.....	1,329	667	317
10.....	1,642	834	403
11.....	1,838	833	386
12.....	1,418	975	488
13.....	684	927	410
14.....	1,322	1,323	708
15.....	1,021	1,349	386
16.....	1,502	1,380	475
17.....	1,349	1,434	565
18.....	970	900	528
19.....	1,531	1,865	617
20.....	4,501	3,444	1,045
21.....	2,461	1,606	599
22.....	2,039	1,557	580
23.....	2,579	1,902	660
24.....	2,834	2,113	764
25.....	1,958	1,381	553
Totals.....	37,682	32,142	12,784

Registered voters, 108,386.

Votes cast, 69,824.

Proportion of men registered who voted on the question, 65 per cent.

Number of Men Registered who Voted

(AS BY PRECINCT OFFICERS' RETURNS OF NAMES CHECKED ON VOTING
LISTS),

State Election, 1911.

WARDS.	PRECINCTS.																Totals.	Per cent Registered who Voted.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
1.....	262	284	480	464	447	409	535	703	437	.....	.....	.....	.....	.....	.....	.....	4,021	79
2.....	264	189	288	252	227	300	417	330	.....	.....	.....	.....	.....	.....	.....	.....	2,267	73
3.....	339	358	390	378	407	305	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,177	77
4.....	294	243	332	253	223	183	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,528	70
5.....	303	420	223	184	314	241	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,685	74
6.....	128	237	256	231	284	243	279	163	.....	.....	.....	.....	.....	.....	.....	.....	1,821	79
7.....	97	182	333	262	289	181	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,344	82
8.....	436	465	500	543	374	495	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,813	81
9.....	371	397	216	369	346	355	259	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,313	72
10.....	203	224	225	209	191	252	560	509	506	.....	.....	.....	.....	.....	.....	.....	2,879	75
11.....	375	237	370	412	274	199	275	316	599	.....	.....	.....	.....	.....	.....	.....	3,057	83
12.....	470	388	300	481	356	456	430	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,881	75
13.....	245	219	179	270	292	233	298	285	.....	.....	.....	.....	.....	.....	.....	.....	2,021	73
14.....	405	412	329	407	471	375	437	517	.....	.....	.....	.....	.....	.....	.....	.....	3,353	77
15.....	185	371	358	272	403	370	444	353	.....	.....	.....	.....	.....	.....	.....	.....	2,756	72
16.....	257	461	645	501	491	479	523	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,357	71
17.....	242	305	339	543	298	243	425	550	403	.....	.....	.....	.....	.....	.....	.....	3,348	77
18.....	366	323	336	418	424	531	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,398	70
19.....	532	289	461	426	293	436	569	568	439	.....	.....	.....	.....	.....	.....	.....	4,013	78
20.....	510	597	623	526	560	498	619	650	556	674	514	506	474	596	504	583	8,990	76
21.....	424	352	374	395	412	388	410	448	395	345	447	276	.....	.....	.....	.....	4,666	77
22.....	712	561	351	588	520	478	439	527	.....	.....	.....	.....	.....	.....	.....	.....	4,176	77
23.....	346	572	377	677	797	780	641	603	348	.....	.....	.....	.....	.....	.....	.....	5,141	81
24.....	352	372	486	453	477	392	457	674	562	542	460	484	.....	.....	.....	.....	5,711	75
25.....	608	486	569	345	527	768	589	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,892	78
Total.....																	82,608	

Average per cent of men registered who voted, 76.

CITY ELECTION,

JANUARY 9, 1912.

Registered Male Voters, City Election, 1912.

WARDS.	PRECINCTS.																Totals.	Per cent Male Residents Registered by Wards.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
1.....	348	376	598	562	562	528	706	858	543	.....	.....	.....	.....	.....	.....	.....	5,081	59
2.....	374	262	373	322	314	437	569	433	.....	.....	.....	.....	.....	.....	.....	.....	3,084	42
3.....	443	478	483	511	540	370	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,825	68
4.....	417	368	459	367	320	258	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,189	56
5.....	424	538	330	255	407	324	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,278	54
6.....	157	291	320	291	364	332	359	203	.....	.....	.....	.....	.....	.....	.....	.....	2,317	17
7.....	119	236	413	331	334	214	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,647	26
8.....	519	639	640	676	447	577	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,498	34
9.....	490	556	287	499	527	467	380	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,206	34
10.....	264	302	302	299	263	347	710	700	656	.....	.....	.....	.....	.....	.....	.....	3,843	41
11.....	477	312	469	486	315	224	329	355	726	.....	.....	.....	.....	.....	.....	.....	3,693	51
12.....	636	518	390	628	501	602	544	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,819	43
13.....	353	302	246	367	394	306	403	401	.....	.....	.....	.....	.....	.....	.....	.....	2,772	43
14.....	562	500	428	517	623	503	566	670	.....	.....	.....	.....	.....	.....	.....	.....	4,369	63
15.....	280	523	489	410	517	502	642	467	.....	.....	.....	.....	.....	.....	.....	.....	3,830	65
16.....	382	679	932	710	665	636	720	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,724	62
17.....	358	399	427	683	416	324	514	700	506	.....	.....	.....	.....	.....	.....	.....	4,327	56
18.....	514	476	543	632	563	709	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,437	49
19.....	690	394	572	546	388	565	696	714	554	.....	.....	.....	.....	.....	.....	.....	5,119	60
20.....	663	779	819	666	761	683	810	825	733	853	678	701	665	757	657	753	11,803	69
21.....	549	470	494	523	551	495	548	553	497	441	591	345	.....	.....	.....	.....	6,057	65
22.....	884	703	471	829	705	612	553	667	.....	.....	.....	.....	.....	.....	.....	.....	5,424	64
23.....	403	663	448	860	1,035	1,004	798	720	434	.....	.....	.....	.....	.....	.....	.....	6,365	69
24.....	480	506	650	586	603	473	603	909	774	696	618	688	.....	.....	.....	.....	7,586	66
25.....	804	629	750	456	634	1,009	724	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,006	61
26.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,053	74
Total.....																	111,352	

Average per cent of male residents who registered, 53.

Votes Cast for City Council, City Election, 1912.

WARD 1.

	PRECINCTS.									Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	
Walter Ballantyne.....	86	104	172	130	77	53	82	94	92	890
John A. Coulthurst.....	62	89	134	95	75	53	66	89	88	751
Owen A. Cunningham.....	24	38	80	72	105	80	119	130	84	732
Edward D. Collins.....	26	32	71	66	92	94	111	126	81	699
Frank A. Goodwin.....	109	107	191	166	151	123	215	241	187	1,490
Thomas J. Kenny.....	46	53	108	68	56	47	63	86	66	593
Charles J. F. O'Brien.....	19	21	61	58	94	75	122	135	78	663
Total.....										5,818
Blanks.....	114	60	128	122	130	114	176	173	170	1,187

WARD 2.

	PRECINCTS.								Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	
Walter Ballantyne.....	38	31	54	41	38	64	67	61	394
John A. Coulthurst.....	36	29	53	41	33	58	57	52	359
Owen A. Cunningham.....	62	46	81	61	38	72	111	77	548
Edward D. Collins.....	80	67	77	80	52	88	136	80	660
Frank A. Goodwin.....	102	62	109	95	106	89	131	123	817
Thomas J. Kenny.....	53	28	45	35	36	51	61	56	365
Charles J. F. O'Brien.....	71	53	78	59	54	86	124	81	606
Total.....									3,749
Blanks.....	68	44	67	77	105	74	87	79	601

WARD 3.

	PRECINCTS.						Totals.
	1.	2.	3.	4.	5.	6.	
Walter Ballantyne.....	76	48	71	38	48	36	317
John A. Coulthurst.....	74	51	71	36	47	38	317
Owen A. Cunningham.....	91	103	136	144	132	107	713
Edward D. Collins.....	90	114	142	151	145	124	766
Frank A. Goodwin.....	56	39	47	42	63	33	280
Thomas J. Kenny.....	76	61	74	63	75	42	391
Charles J. F. O'Brien.....	96	112	147	156	147	118	776
All others.....						1	1
Total.....							3,561
Blanks.....	35	42	65	48	51	32	273

Votes Cast for City Council, City Election, 1912.

WARD 4.

	PRECINCTS.						Totals.
	1.	2.	3.	4.	5.	6.	
Walter Ballantyne.....	32	64	72	37	28	37	270
John A. Coulthurst.....	48	62	68	41	21	35	275
Owen A. Cunningham.....	99	58	107	84	69	46	463
Edward D. Collins.....	110	56	105	85	83	48	487
Frank A. Goodwin.....	49	32	44	35	24	19	203
Thomas J. Kenny.....	59	60	57	40	32	37	285
Charles J. F. O'Brien.....	111	53	104	88	81	54	491
Total.....							2,474
Blanks.....	38	26	40	28	22	6	160

WARD 5.

	PRECINCTS.						Totals.
	1.	2.	3.	4.	5.	6.	
Walter Ballantyne.....	81	94	30	48	39	37	329
John A. Coulthurst.....	75	83	29	46	42	31	306
Owen A. Cunningham.....	81	143	81	48	152	93	598
Edward D. Collins.....	93	163	92	51	163	106	668
Frank A. Goodwin.....	35	59	31	18	30	32	205
Thomas J. Kenny.....	74	94	46	45	44	38	341
Charles J. F. O'Brien.....	88	176	95	53	161	106	679
Total.....							3,126
Blanks.....	31	40	31	18	35	31	186

WARD 6.

	PRECINCTS.								Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	
Walter Ballantyne.....	17	46	59	40	72	96	56	28	414
John A. Coulthurst.....	18	40	51	34	75	96	47	25	386
Owen A. Cunningham.....	74	72	99	98	72	49	127	68	659
Edward D. Collins.....	77	76	103	94	70	46	117	75	658
Frank A. Goodwin.....	13	34	28	24	37	30	22	17	205
Thomas J. Kenny.....	19	26	43	26	59	89	41	20	323
Charles J. F. O'Brien.....	75	67	106	88	70	41	115	75	637
All others.....			1						1
Total.....									3,283
Blanks.....	16	20	47	58	79	18	45	40	323

Votes Cast for City Council, City Election, 1912.

WARD 7.

	PRECINCTS.						Totals.
	1.	2.	3.	4.	5.	6.	
Walter Ballantyne.....	24	56	56	64	27	32	259
John A. Coulthurst.....	26	55	60	51	38	30	260
Owen A. Cunningham.....	22	34	67	41	64	45	273
Edward D. Collins.....	24	42	88	69	89	68	380
Frank A. Goodwin.....	13	17	54	33	30	21	168
Thomas J. Kenny.....	21	51	65	45	31	43	256
Charles J. F. O'Brien.....	22	42	86	56	76	62	344
Total.....							1,940
Blanks.....	16	15	49	55	50	29	214

WARD 8.

	PRECINCTS.						Totals.
	1.	2.	3.	4.	5.	6.	
Walter Ballantyne.....	34	36	147	106	53	82	458
John A. Coulthurst.....	41	35	142	104	61	79	462
Owen A. Cunningham.....	288	279	170	230	186	225	1,378
Edward D. Collins.....	286	280	161	220	183	235	1,365
Frank A. Goodwin.....	24	14	58	56	27	39	218
Thomas J. Kenny.....	24	28	128	87	44	82	393
Charles J. F. O'Brien.....	291	278	154	219	177	235	1,354
All others.....			3				3
Total.....							5,631
Blanks.....	11	22	24	55	43	40	195

WARD 9.

	PRECINCTS.							Totals.
	1.	2.	3.	4.	5.	6.	7.	
Walter Ballantyne.....	124	113	56	112	98	136	64	703
John A. Coulthurst.....	120	114	62	114	93	138	73	714
Owen A. Cunningham.....	65	68	59	94	51	74	72	483
Edward D. Collins.....	66	81	64	83	75	71	87	527
Frank A. Goodwin.....	28	37	15	28	41	49	25	223
Thomas J. Kenny.....	102	114	56	104	98	119	85	678
Charles J. F. O'Brien.....	56	70	50	93	54	63	74	460
Total.....								3,788
Blanks.....	57	75	34	44	42	31	36	319

Votes Cast for City Council, City Election, 1912.

WARD 10.

	PRECINCTS.									Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	
Walter Ballantyne.....	36	82	84	78	57	85	269	196	254	1,141
John A. Coulthurst.....	42	73	87	67	52	80	248	181	238	1,068
Owen A. Cunningham.....	77	29	41	32	19	20	60	80	45	403
Edward D. Collins.....	73	40	43	28	15	12	44	59	33	347
Frank A. Goodwin.....	15	28	32	25	16	21	61	51	46	295
Thomas J. Kenny.....	47	65	71	60	43	62	229	165	212	954
Charles J. F. O'Brien....	67	35	38	21	12	12	35	57	24	301
Total.....										4,509
Blanks.....	33	23	15	28	20	20	44	33	48	264

WARD 11.

	PRECINCTS.									Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	
Walter Ballantyne.....	169	58	145	261	215	131	170	225	305	1,679
John A. Coulthurst.....	161	54	145	248	210	128	155	221	286	1,608
Owen A. Cunningham.....	59	46	78	47	13	17	17	14	29	320
Edward D. Collins.....	49	41	57	31	9	13	12	3	31	246
Frank A. Goodwin.....	43	20	31	30	8	7	20	12	38	209
Thomas J. Kenny.....	140	45	138	238	200	119	153	207	279	1,519
Charles J. F. O'Brien....	48	41	62	26	4	7	12	5	18	223
Total.....										5,804
Blanks.....	24	40	25	37	13	1	10	30	40	220

WARD 12.

	PRECINCTS.							Totals.
	1.	2.	3.	4.	5.	6.	7.	
Walter Ballantyne.....	161	154	86	152	112	125	71	861
John A. Coulthurst.....	156	143	77	153	107	112	71	819
Owen A. Cunningham.....	58	35	54	87	48	141	137	560
Edward D. Collins.....	58	28	58	82	44	143	150	563
Frank A. Goodwin.....	54	43	45	62	28	48	44	324
Thomas J. Kenny.....	136	124	73	120	116	113	81	763
Charles J. F. O'Brien....	51	23	60	80	33	130	141	518
Total.....								4,408
Blanks.....	37	29	42	29	4	46	37	224

Votes Cast for City Council, City Election, 1912.

WARD 13.

	PRECINCTS.								Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	
Walter Ballantyne.....	31	16	18	25	34	21	31	37	213
John A. Coulthurst.....	22	21	26	21	37	30	23	33	213
Owen A. Cunningham.....	78	67	37	79	95	74	72	83	585
Edward D. Collins.....	114	99	76	134	132	120	145	116	936
Frank A. Goodwin.....	18	14	15	37	26	18	34	29	191
Thomas J. Kenny.....	57	55	53	62	80	61	79	67	514
Charles J. F. O'Brien.....	93	67	50	96	110	92	111	88	707
Total.....									3,359
Blanks.....	37	39	40	62	47	37	54	36	352

WARD 14.

	PRECINCTS.								Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	
Walter Ballantyne.....	70	36	53	78	102	103	85	124	651
John A. Coulthurst.....	73	30	50	84	78	89	74	109	587
Owen A. Cunningham.....	112	152	90	105	96	76	123	110	864
Edward D. Collins.....	167	208	124	129	127	112	151	160	1,178
Frank A. Goodwin.....	46	39	33	42	58	45	61	46	370
Thomas J. Kenny.....	127	99	112	118	149	150	134	174	1,063
Charles J. F. O'Brien.....	129	147	90	95	98	71	116	102	848
Total.....									5,561
Blanks.....	59	45	63	57	78	38	36	54	430

WARD 15.

	PRECINCTS.								Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	
Walter Ballantyne.....	25	34	49	41	69	106	109	68	501
John A. Coulthurst.....	17	37	41	37	76	95	95	73	471
Owen A. Cunningham.....	45	94	98	71	104	76	110	82	680
Edward D. Collins.....	75	198	177	111	183	138	187	144	1,213
Frank A. Goodwin.....	15	30	27	33	54	44	52	44	299
Thomas J. Kenny.....	43	106	113	121	172	166	171	126	1,018
Charles J. F. O'Brien.....	43	112	98	64	106	85	110	92	710
Total.....									4,892
Blanks.....	49	94	102	68	91	70	108	52	634

Votes Cast for City Council, City Election, 1912.

WARD 16.

	PRECINCTS.							Totals.
	1.	2.	3.	4.	5.	6.	7.	
Walter Ballantyne.....	50	72	89	150	148	218	129	856
John A. Coulthurst.....	45	67	95	149	132	206	152	846
Owen A. Cunningham.....	63	127	210	84	120	60	114	778
Edward D. Collins.....	99	158	264	96	116	54	124	911
Frank A. Goodwin.....	26	44	70	67	56	39	51	353
Thomas J. Kenny.....	85	99	155	123	144	185	121	912
Charles J. F. O'Brien.....	65	119	194	75	118	60	124	755
Total.....								5,411
Blanks.....	53	52	81	48	36	36	70	376

WARD 17.

	PRECINCTS.									Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	
Walter Ballantyne.....	35	54	122	191	61	38	63	90	92	746
John A. Coulthurst.....	22	42	91	150	44	34	47	86	88	604
Owen A. Cunningham.....	107	102	75	137	117	80	185	230	135	1,168
Edward D. Collins.....	110	111	71	142	110	91	205	236	144	1,220
Frank A. Goodwin.....	14	23	34	56	20	28	44	61	41	321
Thomas J. Kenny.....	35	60	91	167	44	42	64	107	78	688
Charles J. F. O'Brien.....	114	116	70	136	103	85	203	234	141	1,202
Total.....										5,949
Blanks.....	19	38	46	50	41	43	32	36	49	354

WARD 18.

	PRECINCTS.						Totals.
	1.	2.	3.	4.	5.	6.	
Walter Ballantyne.....	67	73	102	114	58	152	566
John A. Coulthurst.....	74	68	87	96	53	124	502
Owen A. Cunningham.....	88	72	45	92	161	167	625
Edward D. Collins.....	109	71	38	75	171	160	624
Frank A. Goodwin.....	47	40	29	48	50	75	289
Thomas J. Kenny.....	70	61	59	81	74	143	488
Charles J. F. O'Brien.....	110	69	42	88	184	178	671
Total.....							3,765
Blanks.....	68	35	51	45	65	42	306

Votes Cast for City Council, City Election, 1912.

WARD 19.

	PRECINCTS.									Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	
Walter Ballantyne.....	115	56	61	54	81	132	81	90	94	764
John A. Coulthurst.....	113	47	52	48	75	134	88	81	98	736
Owen A. Cunningham.....	116	79	167	134	75	125	226	184	97	1,203
Edward D. Collins.....	130	81	183	166	74	134	225	208	103	1,304
Frank A. Goodwin.....	69	37	46	62	47	52	74	57	40	484
Thomas J. Kenny.....	118	58	77	59	81	124	97	122	95	831
Charles J. F. O'Brien....	151	85	194	162	83	148	265	225	148	1,461
All others.....				1						1
Total.....										6,784
Blanks.....	34	22	66	49	42	51	87	41	81	473

WARD 20.

	PRECINCTS.																Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	
Walter Ballantyne....	158	160	173	174	98	127	216	285	208	265	185	192	136	155	172	182	2,886
John A. Coulthurst...	141	153	173	172	95	129	200	267	193	260	191	188	137	161	160	188	2,808
Owen A. Cunningham...	120	130	132	135	250	129	132	82	101	84	79	82	74	195	72	138	1,935
Edward D. Collins....	109	128	131	122	195	103	83	54	67	57	72	58	55	173	79	103	1,589
Frank A. Goodwin....	61	78	55	58	56	48	49	60	61	57	53	36	48	72	59	53	904
Thomas J. Kenny....	147	170	170	175	124	121	197	256	185	246	155	199	117	156	124	183	2,725
Charles J. F. O'Brien,	98	120	121	113	193	96	79	53	65	57	64	52	60	165	56	102	1,494
All others.....												1					1
Total.....																	14,342
Blanks.....	24	30	62	35	57	36	43	35	38	30	50	41	30	75	49	47	682

WARD 21.

	PRECINCTS.												Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	
Walter Ballantyne.....	158	99	111	174	156	183	133	200	143	120	163	101	1,741
John A. Coulthurst....	149	92	114	177	142	164	126	189	139	99	152	94	1,637
Owen A. Cunningham....	67	63	70	70	62	60	74	51	53	42	50	59	721
Edward D. Collins.....	74	69	68	66	70	45	72	35	54	42	42	52	689
Frank A. Goodwin.....	42	33	39	40	37	35	48	42	31	34	34	41	456
Thomas J. Kenny.....	144	94	111	160	139	143	121	165	125	96	135	92	1,525
Charles J. F. O'Brien....	71	73	80	63	64	51	65	43	49	48	50	61	718
Total.....													7,487
Blanks.....	24	38	31	42	26	24	39	25	36	20	28	19	352

Votes Cast for City Council, City Election, 1912.

WARD 22.

	PRECINCTS.								Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	
Walter Ballantyne.....	250	128	61	213	159	197	201	137	1,346
John A. Coulthurst.....	258	124	54	234	162	206	189	169	1,396
Owen A. Cunningham.....	128	150	125	96	116	59	58	122	854
Edward D. Collins.....	134	154	137	103	104	39	59	131	861
Frank A. Goodwin.....	66	59	39	58	47	39	46	44	398
Thomas J. Kenny.....	239	118	55	174	116	171	173	139	1,185
Charles J. F. O'Brien.....	254	230	159	136	171	82	74	186	1,292
Total.....									7,332
Blanks.....	126	84	48	93	85	38	28	65	567

WARD 23.

	PRECINCTS.									Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	
Walter Ballantyne.....	179	94	54	165	266	371	375	365	89	1,958
John A. Coulthurst.....	184	133	68	202	347	403	400	359	93	2,189
Owen A. Cunningham.....	45	165	107	180	141	111	76	72	73	970
Edward D. Collins.....	41	173	129	196	103	92	62	44	71	911
Frank A. Goodwin.....	42	73	48	72	97	108	65	46	47	598
Thomas J. Kenny.....	155	101	54	150	235	287	304	323	79	1,688
Charles J. F. O'Brien.....	64	238	162	222	159	122	83	65	84	1,199
Total.....										9,513
Blanks.....	25	76	38	67	80	78	75	34	37	510

WARD 24.

	PRECINCTS.												Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	
Walter Ballantyne.....	79	85	142	133	160	141	181	217	179	198	174	145	1,834
John A. Coulthurst.....	73	112	144	135	164	154	173	212	173	200	159	144	1,843
Owen A. Cunningham.....	122	87	85	73	63	92	79	94	98	98	79	107	1,077
Edward D. Collins.....	97	80	76	74	59	83	58	79	77	71	87	82	923
Frank A. Goodwin.....	44	36	56	39	30	61	42	68	50	65	55	46	592
Thomas J. Kenny.....	77	83	142	112	156	118	154	183	147	187	153	137	1,649
Charles J. F. O'Brien.....	95	83	71	65	54	73	52	76	74	75	81	74	873
All others.....									2				2
Total.....													8,793
Blanks.....	67	22	28	26	25	52	14	49	40	21	28	39	411

Votes Cast for City Council, City Election, 1912.

WARD 25.

	PRECINCTS.							Totals.
	1.	2.	3.	4.	5.	6.	7.	
Walter Ballantyne.....	142	217	250	59	146	259	201	1,274
John A. Coulthurst.....	136	199	228	46	162	255	184	1,210
Owen A. Cunningham.....	73	62	52	113	169	138	182	789
Edward D. Collins.....	75	40	38	108	154	133	156	704
Frank A. Goodwin.....	71	68	77	42	71	86	74	489
Thomas J. Kenny.....	135	171	192	63	164	232	216	1,173
Charles J. F. O'Brien.....	69	45	39	93	157	154	145	702
Total.....								6,341
Blanks.....	34	35	60	34	36	90	60	349

WARD 26.

Walter Ballantyne.....	906
John A. Coulthurst.....	969
Owen A. Cunningham.....	436
Edward D. Collins.....	415
Frank A. Goodwin.....	143
Thomas J. Kenny.....	833
Charles J. F. O'Brien.....	421
Total.....	4,123
Blanks.....	215

Total Votes Cast for City Council, City Election, 1912.

* Walter Ballantyne.....	23,957
* John A. Coulthurst.....	23,336
Owen A. Cunningham.....	19,815
Edward D. Collins.....	20,844
Frank A. Goodwin.....	10,524
* Thomas J. Kenny.....	23,153
Charles J. F. O'Brien.....	20,105
All others.....	9
Total.....	141,743
Blanks.....	10,177

* Elected.

Votes Cast for School Committee, City Election, 1912.

WARD 1.

	PRECINCTS.									Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	
Joseph A. Sheehan.....	37	36	86	71	123	117	140	157	124	891
George E. Brock.....	87	118	109	139	79	61	89	115	102	989
Joseph Lee.....	92	96	181	128	84	57	95	115	101	949
Susan W. FitzGerald.....	79	92	137	103	127	89	132	129	105	993
William F. Merritt.....	29	39	75	67	95	71	102	131	97	706
Total.....										4,528
Blanks.....	52	37	62	58	68	45	104	91	65	582

WARD 2.

	PRECINCTS.								Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	
Joseph A. Sheehan.....	95	73	103	91	68	97	155	115	797
George E. Brock.....	32	32	47	46	37	57	50	64	365
Joseph Lee.....	39	24	48	49	33	59	53	64	369
Susan W. FitzGerald.....	73	47	81	72	83	86	107	73	622
William F. Merritt.....	68	45	68	41	38	65	90	55	470
Total.....									2,623
Blanks.....	41	29	45	37	57	56	79	55	399

WARD 3.

	PRECINCTS.						Totals.
	1.	2.	3.	4.	5.	6.	
Joseph A. Sheehan.....	97	109	170	174	150	119	819
George E. Brock.....	88	52	62	29	52	33	316
Joseph Lee.....	86	46	55	34	60	31	312
Susan W. FitzGerald.....	58	79	80	97	73	70	457
William F. Merritt.....	75	83	112	123	135	84	612
Total.....							2,516
Blanks.....	36	41	81	55	46	45	304

Votes Cast for School Committee, City Election, 1912.

WARD 4.

	PRECINCTS.						Totals.
	1.	2.	3.	4.	5.	6.	
Joseph A. Sheehan.....	117	57	106	93	79	55	507
George E. Brock.....	25	56	64	37	19	34	235
Joseph Lee.....	28	58	68	40	26	31	251
Susan W. FitzGerald.....	93	48	67	51	53	34	346
William F. Merritt.....	69	47	89	71	46	31	353
Total.....							1,692
Blanks.....	48	24	36	30	25	17	180

WARD 5.

	PRECINCTS.						Totals.
	1.	2.	3.	4.	5.	6.	
Joseph A. Sheehan.....	95	179	91	47	162	83	657
George E. Brock.....	85	87	35	43	40	38	328
Joseph Lee.....	73	78	24	38	38	40	291
Susan W. FitzGerald.....	52	93	70	43	70	67	395
William F. Merritt.....	72	133	51	38	113	64	471
Total.....							2,142
Blanks.....	37	56	39	21	37	32	222

WARD 6.

	PRECINCTS.								Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	
Joseph A. Sheehan.....	83	65	122	87	73	42	119	70	661
George E. Brock.....	11	37	45	32	67	93	43	27	355
Joseph Lee.....	12	45	48	34	66	99	57	23	384
Susan W. FitzGerald.....	14	24	33	29	47	35	37	27	246
William F. Merritt.....	69	59	96	78	59	40	100	63	564
All others.....			1						1
Total.....									2,211
Blanks.....	21	34	17	50	48	25	28	26	249

Votes Cast for School Committee, City Election, 1912.

WARD 7.

	PRECINCTS.						Totals.
	1.	2.	3.	4.	5.	6.	
Joseph A. Sheehan.....	31	51	99	60	87	71	399
George E. Brock.....	21	61	50	66	23	18	239
Joseph Lee.....	22	57	68	41	35	21	244
Susan W. FitzGerald.....	21	30	73	68	68	53	313
William F. Merritt.....	19	31	58	35	47	38	228
Total.....							1,423
Blanks.....	10	10	34	12	34	29	129

WARD 8.

	PRECINCTS.						Totals.
	1.	2.	3.	4.	5.	6.	
Joseph A. Sheehan.....	291	269	153	235	184	237	1,369
George E. Brock.....	34	29	154	103	63	84	467
Joseph Lee.....	40	40	161	107	67	90	505
Susan W. FitzGerald.....	19	41	77	70	41	71	319
William F. Merritt.....	272	252	131	182	162	194	1,193
All others.....			2				2
Total.....							3,855
Blanks.....	14	23	30	45	25	46	183

WARD 9.

	PRECINCTS.							Totals.
	1.	2.	3.	4.	5.	6.	7.	
Joseph A. Sheehan.....	102	121	67	151	75	105	120	741
George E. Brock.....	73	72	44	56	90	102	40	477
Joseph Lee.....	104	92	58	79	93	113	45	584
Susan W. FitzGerald.....	53	80	32	77	52	74	42	410
William F. Merritt.....	43	43	38	63	52	60	70	369
Total.....								2,581
Blanks.....	43	44	29	40	32	50	35	273

Votes Cast for School Committee, City Election, 1912.

WARD 10.

	PRECINCTS.									Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	
Joseph A. Sheehan.....	86	57	43	31	17	18	53	65	40	410
George E. Brock.....	33	61	97	71	61	84	290	212	317	1,226
Joseph Lee.....	34	66	91	78	55	82	293	197	311	1,207
Susan W. FitzGerald.....	46	41	39	32	23	31	117	106	141	576
William F. Merritt.....	45	28	22	24	7	11	45	53	30	265
Total.....										3,684
Blanks.....	32	25	18	18	15	18	48	45	79	298

WARD 11.

	PRECINCTS.									Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	
Joseph A. Sheehan.....	44	41	71	38	7	17	11	4	24	257
George E. Brock.....	190	61	184	361	327	184	237	344	402	2,290
Joseph Lee.....	185	63	202	372	323	190	237	332	397	2,301
Susan W. FitzGerald.....	75	34	90	57	10	43	48	36	49	442
William F. Merritt.....	38	22	43	31	3	9	9	3	22	180
Total.....										5,470
Blanks.....	22	15	28	33	4	21	20	11	26	180

WARD 12.

	PRECINCTS.							Totals.
	1.	2.	3.	4.	5.	6.	7.	
Joseph A. Sheehan.....	66	36	56	94	43	140	197	632
George E. Brock.....	166	187	81	139	119	109	67	868
Joseph Lee.....	176	171	79	137	113	109	61	846
Susan W. FitzGerald.....	68	73	70	88	39	101	77	516
William F. Merritt.....	57	32	39	65	36	110	132	471
All others.....				2				2
Total.....								3,335
Blanks.....	33	27	41	39	18	31	44	233

Votes Cast for School Committee, City Election, 1912.

WARD 13.

	PRECINCTS.								Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	
Joseph A. Sheehan.....	93	86	55	107	129	106	92	106	774
George E. Brock.....	18	8	16	15	29	26	28	39	179
Joseph Lee.....	31	20	23	34	36	28	28	39	239
Susan W. FitzGerald.....	65	49	48	76	78	61	79	56	512
William F. Merritt.....	69	60	36	61	82	70	82	73	533
Total.....									2,237
Blanks.....	26	35	34	57	32	33	65	29	311

WARD 14.

	PRECINCTS.								Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	
Joseph A. Sheehan.....	164	182	135	139	140	99	151	154	1,164
George E. Brock.....	62	34	46	74	101	113	84	104	618
Joseph Lee.....	69	43	62	76	104	113	93	105	665
Susan W. FitzGerald.....	107	111	81	75	97	77	81	103	732
William F. Merritt.....	121	114	105	116	111	77	128	117	889
Total.....									4,068
Blanks.....	51	48	35	54	61	33	45	55	382

WARD 15.

	PRECINCTS.								Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	
Joseph A. Sheehan.....	52	157	156	123	189	148	159	110	1,094
George E. Brock.....	17	36	57	57	73	96	110	79	525
Joseph Lee.....	22	42	52	44	65	92	109	72	498
Susan W. FitzGerald.....	52	103	83	83	108	91	134	104	758
William F. Merritt.....	38	99	115	78	145	121	116	87	799
Total.....									3,674
Blanks.....	33	57	47	35	66	60	72	40	410

Votes Cast for School Committee, City Election, 1912.

WARD 16.

	PRECINCTS.							Totals.
	1.	2.	3.	4.	5.	6.	7.	
Joseph A. Sheehan.....	74	154	260	104	136	69	148	945
George E. Brock.....	50	70	101	145	148	248	121	883
Joseph Lee.....	65	83	92	131	130	228	111	840
Susan W. FitzGerald.....	59	84	106	102	89	123	88	651
William F. Merritt.....	55	95	200	87	104	59	99	699
Total.....								4,018
Blanks.....	29	32	55	33	39	55	67	310

WARD 17.

	PRECINCTS.									Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	
Joseph A. Sheehan.....	108	132	90	161	119	86	208	238	159	1,301
George E. Brock.....	20	31	96	180	31	30	43	70	66	567
Joseph Lee.....	26	30	89	166	33	33	39	63	69	548
Susan W. FitzGerald.....	49	62	77	129	66	67	97	105	70	722
William E. Merritt.....	81	96	74	130	94	59	158	196	132	1,020
Total.....										4,158
Blanks.....	22	31	30	58	31	29	45	56	48	350

WARD 18.

	PRECINCTS.						Totals.
	1.	2.	3.	4.	5.	6.	
Joseph A. Sheehan.....	109	80	40	87	159	128	603
George E. Brock.....	61	45	79	90	55	146	476
Joseph Lee.....	65	52	83	91	50	129	470
Susan W. FitzGerald.....	84	68	75	93	124	128	572
William F. Merritt.....	76	50	27	73	109	118	453
Total.....							2,574
Blanks.....	59	37	44	48	59	103	350

Votes Cast for School Committee, City Election, 1912.

WARD 19.

	PRECINCTS.									Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	
Joseph A. Sheehan.....	159	82	225	173	86	160	318	242	121	1,566
George E. Brock.....	104	52	56	41	68	115	75	79	85	675
Joseph Lee.....	95	45	54	44	67	107	69	86	76	643
Susan W. FitzGerald.....	91	61	111	89	85	114	106	107	98	862
William F. Merritt.....	91	54	146	106	53	101	224	174	78	1,027
Total.....										4,773
Blanks.....	60	34	60	67	47	45	68	38	60	479

WARD 20.

	PRECINCTS.																Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	
Joseph A. Sheehan....	106	149	174	146	219	111	125	64	93	88	87	84	84	220	75	145	1,970
George E. Brock.....	168	148	171	185	86	120	219	336	193	285	188	215	135	136	161	184	2,930
Joseph Lee.....	166	132	165	168	92	116	210	317	164	279	191	199	119	125	162	174	2,779
Susan W. FitzGerald..	69	116	116	116	118	70	74	78	96	64	46	72	62	115	73	114	1,399
William F. Merritt....	86	102	139	117	182	95	107	74	117	83	72	75	71	164	56	106	1,646
All others.....												1					1
Total.....																	10,725
Blanks.....	37	47	59	36	57	40	21	39	39	21	26	32	35	54	43	59	645

WARD 21.

	PRECINCTS.												Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	
Joseph A. Sheehan.....	80	85	92	87	83	58	85	60	69	51	76	82	908
George E. Brock.....	163	97	135	178	162	202	126	221	172	117	167	81	1,821
Joseph Lee.....	160	88	118	167	147	176	124	216	156	112	162	94	1,720
Susan W. FitzGerald..	60	68	61	106	63	72	70	63	77	51	51	81	823
William F. Merritt.....	72	57	68	64	71	60	66	54	48	43	62	50	715
All others.....							1						1
Total.....													5,988
Blanks.....	31	37	30	44	32	34	38	28	42	26	22	24	388

Votes Cast for School Committee, City Election, 1912.

WARD 22.

	PRECINCTS.								Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	
Joseph A. Sheehan.....	195	175	140	119	123	64	69	164	1,049
George E. Brock.....	262	130	58	217	156	252	253	152	1,480
Joseph Lee.....	258	119	56	207	167	243	245	152	1,447
Susan W. FitzGerald.....	136	110	71	113	94	81	94	106	805
William F. Merritt.....	128	124	89	101	81	53	54	111	741
Total.....									5,522
Blanks.....	83	66	44	63	53	33	35	51	428

WARD 23.

	PRECINCTS.									Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	
Joseph A. Sheehan.....	53	220	135	252	170	132	74	65	78	1,179
George E. Brock.....	221	95	39	149	286	374	417	439	85	2,105
Joseph Lee.....	219	102	53	149	266	340	396	435	71	2,031
Susan W. FitzGerald.....	81	116	86	132	138	140	93	109	57	952
William F. Merritt.....	50	144	91	178	110	94	71	48	59	845
All Others.....		1								1
Total.....										7,113
Blanks.....	34	60	44	58	56	66	51	32	46	447

WARD 24.

	PRECINCTS.												Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	
Joseph A. Sheehan.....	96	96	87	78	68	84	78	92	91	93	95	93	1,051
George E. Brock.....	72	83	150	131	166	142	182	218	155	209	185	155	1,857
Joseph Lee.....	71	93	146	123	151	118	169	197	155	188	174	157	1,742
Susan W. FitzGerald.....	88	51	72	50	54	84	52	73	76	72	72	52	796
William F. Merritt.....	79	76	74	82	61	72	82	85	79	109	82	88	969
Total.....													6,415
Blanks.....	54	31	20	14	18	42	19	41	32	33	36	33	373

Votes Cast for School Committee, City Election, 1912.

WARD 25.

	PRECINCTS.							Totals.
	1.	2.	3.	4.	5.	6.	7.	
Joseph A. Sheehan.....	76	45	40	96	176	164	158	755
George E. Brock.....	190	282	345	79	258	366	308	1,828
Joseph Lee.....	163	245	292	58	197	309	241	1,505
Susan W. FitzGerald.....	50	57	79	58	78	91	86	499
William F. Merritt.....	48	31	29	69	121	124	106	528
Total.....								5,115
Blanks.....	13	14	61	28	42	34	55	247

WARD 26.

	Totals.
Joseph A. Sheehan.....	521
George E. Brock.....	907
Joseph Lee.....	894
Susan W. FitzGerald.....	271
William F. Merritt.....	460
Total.....	3,053
Blanks.....	135

Total Votes Cast for School Committee, City Election, 1912.

	Totals.
Joseph A. Sheehan.....	23,020
* George E. Brock.....	25,006
* Joseph Lee.....	24,264
Susan W. FitzGerald.....	15,989
William F. Merritt.....	17,206
All Others.....	8
Total.....	105,493
Blanks.....	8,487

* Elected.

Votes Cast on the Question: Shall Licenses be Granted for the
Sale of Intoxicating Liquors in this City?
City Election, 1912.

WARD 1.

	PRECINCTS.									Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	
Yes.....	103	96	169	151	165	154	200	232	196	1,466
No.....	44	61	120	84	82	40	94	102	70	697
Blanks.....	15	11	26	24	13	19	24	24	16	172

WARD 2.

	PRECINCTS.								Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	
Yes.....	126	83	132	111	102	123	166	141	984
No.....	33	28	45	35	41	61	65	51	359
Blanks.....	11	9	11	17	11	10	27	11	107

WARD 3.

	PRECINCTS.						Totals.
	1.	2.	3.	4.	5.	6.	
Yes.....	119	120	159	165	162	115	840
No.....	66	55	78	41	55	42	337
Blanks.....	13	15	14	20	19	20	101

WARD 4.

	PRECINCTS.						Totals.
	1.	2.	3.	4.	5.	6.	
Yes.....	111	93	128	87	78	65	562
No.....	54	32	58	53	35	22	254
Blanks.....	17	12	13	6	7	7	62

Votes Cast on the Question: Shall Licenses be Granted for the
Sale of Intoxicating Liquors in this City?
City Election, 1912.

WARD 5.

	PRECINCTS.						Totals.
	1.	2.	3.	4.	5.	6.	
Yes.....	124	199	99	75	144	112	753
No.....	53	72	36	27	60	36	284
Blanks.....	9	13	10	7	18	10	67

WARD 6.

	PRECINCTS.								Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	
Yes.....	71	85	133	98	128	114	141	79	849
No.....	12	20	28	31	32	33	28	18	202
Blanks.....	20	22	18	25	18	8	21	19	151

WARD 7.

	PRECINCTS.						Totals.
	1.	2.	3.	4.	5.	6.	
Yes.....	45	75	118	86	87	72	483
No.....	10	19	44	40	37	28	178
Blanks.....	1	10	13	12	11	10	57

WARD 8.

	PRECINCTS.						Totals.
	1.	2.	3.	4.	5.	6.	
Yes.....	264	281	225	252	197	224	1,443
No.....	37	26	93	63	31	70	320
Blanks.....	32	17	11	44	30	45	179

Votes Cast on the Question: Shall Licenses be Granted for the
Sale of Intoxicating Liquors in this City?
City Election, 1912.

WARD 9.

	PRECINCTS.							Totals.
	1.	2.	3.	4.	5.	6.	7.	
Yes.....	141	154	83	147	119	135	112	891
No.....	42	53	29	56	53	78	45	356
Blanks.....	23	17	20	21	12	14	15	122

WARD 10.

	PRECINCTS.									Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	
Yes.....	88	73	83	65	47	60	224	191	186	1,017
No.....	30	39	45	39	19	37	82	64	95	450
Blanks.....	12	13	9	9	12	7	24	19	19	124

WARD 11.

	PRECINCTS.									Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	
Yes.....	122	84	126	201	170	105	140	181	235	1,364
No.....	94	25	81	87	38	25	37	44	91	522
Blanks.....	15	6	20	18	16	11	6	14	16	122

WARD 12.

	PRECINCTS.							Totals.
	1.	2.	3.	4.	5.	6.	7.	
Yes.....	156	115	91	159	98	192	145	956
No.....	63	69	58	84	56	73	79	482
Blanks.....	18	9	16	12	10	21	20	106

**Votes Cast on the Question: Shall Licenses be Granted for the
Sale of Intoxicating Liquors in this City?
City Election, 1912.**

WARD 13.

	PRECINCTS.								Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	
Yes.....	92	84	63	79	109	96	112	108	743
No.....	52	32	37	54	66	43	56	44	384
Blanks.....	6	10	5	39	12	12	15	11	110

WARD 14.

	PRECINCTS.								Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	
Yes.....	167	156	122	155	168	142	151	176	1,237
No.....	69	80	69	69	76	72	96	104	635
Blanks.....	25	16	14	12	18	14	13	13	125

WARD 15.

	PRECINCTS.								Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	
Yes.....	71	157	166	107	189	179	209	138	1,216
No.....	29	61	54	68	76	67	95	69	519
Blanks.....	4	17	15	7	20	14	10	20	107

WARD 16.

	PRECINCTS.							Totals.
	1.	2.	3.	4.	5.	6.	7.	
Yes.....	94	168	260	165	173	152	192	1,204
No.....	53	63	106	79	100	114	69	584
Blanks.....	15	15	20	20	17	20	34	141

Votes Cast on the Question: Shall Licenses be Granted for the
Sale of Intoxicating Liquors in this City?
City Election, 1912.

WARD 17.

	PRECINCTS.									Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	
Yes.....	105	130	135	219	101	89	162	221	150	1,312
No.....	29	45	54	112	65	45	96	113	91	650
Blanks.....	18	7	11	12	14	13	23	26	15	139

WARD 18.

	PRECINCTS.						Totals.
	1.	2.	3.	4.	5.	6.	
Yes.....	133	90	95	134	161	215	828
No.....	59	54	42	65	95	114	429
Blanks.....	19	19	14	14	16	18	100

WARD 19.

	PRECINCTS.									Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	
Yes.....	195	97	137	172	122	201	274	262	178	1,688
No.....	73	49	79	60	51	80	86	62	64	604
Blanks.....	14	9	16	13	13	19	21	12	10	127

WARD 20.

	PRECINCTS.																Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	
Yes.....	176	205	213	149	164	131	156	171	161	201	179	155	143	161	185	154	2,704
No.....	96	108	115	170	183	121	165	177	120	136	85	116	67	208	52	165	2,084
Blanks.....	14	'10	11	9	9	11	12	16	25	15	19	12	9	15	20	13	220

Votes Cast on the Question: Shall Licenses be Granted for the Sale of
Intoxicating Liquors in this City?
City Election, 1912.

WARD 21.

	PRECINCTS.												Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	
Yes.....	141	118	130	143	151	117	137	166	140	106	149	107	1,605
No.....	93	58	64	93	73	109	76	72	57	40	59	55	849
Blanks.....	9	11	14	28	8	9	13	12	13	21	10	11	159

WARD 22.

	PRECINCTS.								Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	
Yes.....	346	229	159	236	226	167	148	224	1,735
No.....	112	99	54	105	76	101	108	82	737
Blanks.....	27	21	13	28	18	9	20	25	161

WARD 23.

	PRECINCTS.									Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	
Yes.....	156	217	126	285	213	190	134	133	110	1,564
No.....	76	110	79	113	246	309	335	288	74	1,630
Blanks.....	13	24	15	20	17	25	11	15	7	147

WARD 24.

	PRECINCTS.												Totals.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	
Yes.....	107	106	107	112	116	122	95	169	141	156	136	144	1,511
No.....	101	74	126	94	109	123	145	142	122	133	127	96	1,392
Blanks.....	10	16	15	13	12	13	11	15	17	16	9	18	165

Votes Cast on the Question: Shall Licenses be Granted for the Sale
of Intoxicating Liquors in this City?
City Election, 1912.

WARD 25.

	PRECINCTS.							Totals.
	1.	2.	3.	4.	5.	6.	7.	
Yes.....	130	145	159	119	211	225	274	1,263
No.....	98	116	138	59	121	190	108	830
Blanks.....	17	18	15	8	21	34	24	137

WARD 26.

	Totals.
Yes.....	587
No.....	768
Blanks.....	91
Totals for city. { Yes.....	30,805
{ No.....	16,536
{ Blanks.....	3,299

Proportion of men registered who voted on the license question, 43 per cent.

Number of Men Registered Who Voted.

(AS BY PRECINCT OFFICERS' RETURNS OF NAMES CHECKED ON VOTING
LISTS),

City Election, 1912.

WARDS.	PRECINCTS.																Number of Names Checked.	Per cent Registered who Voted.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
1.....	162	168	315	259	260	213	318	358	282	.....	.....	.....	.....	.....	.....	.....	2,335	46
2.....	170	120	188	163	154	194	258	203	.....	.....	.....	.....	.....	.....	.....	.....	1,450	47
3.....	198	190	251	226	236	177	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,278	45
4.....	182	137	199	146	120	94	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	878	40
5.....	186	284	145	109	222	158	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,104	48
6.....	103	127	179	154	178	155	190	116	.....	.....	.....	.....	.....	.....	.....	.....	1,202	52
7.....	56	104	175	138	135	110	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	718	44
8.....	333	324	329	359	258	339	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,942	56
9.....	206	224	132	224	184	227	172	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,369	43
10.....	130	125	137	113	78	104	330	274	300	.....	.....	.....	.....	.....	.....	.....	1,591	41
11.....	231	115	227	306	224	141	183	239	342	.....	.....	.....	.....	.....	.....	.....	2,008	54
12.....	237	193	165	255	164	286	244	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,544	40
13.....	150	126	105	172	187	151	183	163	.....	.....	.....	.....	.....	.....	.....	.....	1,237	45
14.....	261	252	205	236	262	228	260	293	.....	.....	.....	.....	.....	.....	.....	.....	1,997	46
15.....	104	235	235	182	285	260	314	227	.....	.....	.....	.....	.....	.....	.....	.....	1,842	48
16.....	162	246	386	264	290	286	295	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,929	41
17.....	152	182	200	343	180	147	281	360	256	.....	.....	.....	.....	.....	.....	.....	2,101	49
18.....	211	163	151	213	272	347	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,357	39
19.....	282	155	282	245	186	300	381	336	252	.....	.....	.....	.....	.....	.....	.....	2,419	47
20.....	286	323	339	328	356	263	333	364	306	352	283	283	219	384	257	332	5,008	42
21.....	243	187	208	264	232	235	226	250	210	167	218	173	.....	.....	.....	.....	2,613	43
22.....	485	349	226	369	320	277	276	331	.....	.....	.....	.....	.....	.....	.....	.....	2,633	49
23.....	245	351	220	418	476	524	480	436	191	.....	.....	.....	.....	.....	.....	.....	3,341	52
24.....	218	196	248	219	237	258	251	326	280	305	272	258	.....	.....	.....	.....	3,068	40
25.....	245	279	312	186	353	449	406	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,230	45
26.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,446	47
Total.....																	50,640	.....

Average per cent of men registered who voted, 45.

Number of Women Registered who Voted for School Committee.

(AS BY PRECINCT OFFICERS' RETURNS OF NAMES CHECKED ON VOTING LIST),

City Election, 1912.

WARDS.	PRECINCTS.																Number of Names Checked.	Per cent Registered who Voted.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
1.....	26	41	55	24	28	7	13	11	15	.....	.....	.....	.....	.....	.....	.....	220	51
2.....	4	5	8	5	4	16	9	10	.....	.....	.....	.....	.....	.....	.....	.....	61	49
3.....	22	15	29	30	22	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	132	29
4.....	8	8	16	15	4	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58	26
5.....	21	29	10	6	8	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	78	30
6.....	2	5	2	1	2	12	2	2	.....	.....	.....	.....	.....	.....	.....	.....	28	32
7.....	6	16	16	3	12	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58	43
8.....	2	3	25	12	13	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77	70
9.....	3	2	2	9	13	25	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	58	50
10.....	8	14	18	14	11	18	93	65	159	.....	.....	.....	.....	.....	.....	.....	400	68
11.....	46	3	82	140	113	91	98	126	118	.....	.....	.....	.....	.....	.....	.....	817	70
12.....	46	70	18	27	20	14	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	240	62
13.....	1	3	1	3	6	11	4	8	.....	.....	.....	.....	.....	.....	.....	.....	37	31
14.....	26	14	27	31	45	28	31	26	.....	.....	.....	.....	.....	.....	.....	.....	228	49
15.....	3	12	20	28	38	44	36	19	.....	.....	.....	.....	.....	.....	.....	.....	200	43
16.....	4	13	21	37	33	105	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	235	50
17.....	1	9	28	69	7	5	14	4	16	.....	.....	.....	.....	.....	.....	.....	153	54
18.....	16	3	23	28	6	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	105	56
19.....	18	9	44	15	17	21	49	27	7	.....	.....	.....	.....	.....	.....	.....	207	40
20.....	30	24	73	56	21	13	45	90	45	58	22	56	34	23	28	59	677	48
21.....	40	29	44	59	47	66	29	71	72	33	52	33	.....	.....	.....	.....	575	57
22.....	46	13	3	41	17	86	99	37	.....	.....	.....	.....	.....	.....	.....	.....	342	59
23.....	84	18	4	41	37	49	71	128	7	.....	.....	.....	.....	.....	.....	.....	439	54
24.....	12	19	31	20	22	13	40	27	14	47	50	31	.....	.....	.....	.....	326	39
25.....	25	58	111	8	83	95	71	.....	.....	.....	.....	.....	.....	.....	.....	.....	451	65
26.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	148	47
Total.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,350	.....

Average per cent of women registered who voted, 52.

INVENTORY OF PROPERTY BELONGING TO THE ELECTION DEPARTMENT.

- 29 Voting booths, made of corrugated steel, built in 1897 and 1898, 9 of which are stored on lot on D street, South Boston; 9 on lot on Ritchie street, Roxbury; 6 on Fire Department lot at Saratoga street and Byron street, East Boston; 1 on city lot at Vine Street Church; 1 at South Street Yard, Jamaica Plain, and 3 on various leased lots.
- 49 Wooden voting booths, built in 1898, 1901, 1903 and 1905 as permanent structures. 19 of which are stored on lot at D street; 18 on lot at Ritchie street; 1 in school yard at Tileston street, Dorchester; 1 at Reservoir lot, East Boston, and 10 on various leased lots.
- 33 Wooden booths, known as "knock-down" booths, 1 of which is located in Adams school yard, Dorchester; the remainder on various leased lots.

To each booth belong railings and voting compartments, tables, chairs, stove and other necessary furnishings and voting paraphernalia. The department now owns 2,280 chairs, 750 tables, 530 voting compartments and 1,090 wooden horses for the same, 250 stools for ballot boxes, 198 counting boards, 112 stoves, 1,370 leatheroid boxes, canvas envelopes, and the required lamps, coal hods, shovels, pokers, coal barrels and other minor equipment for voting booths, also voting compartments received from Hyde Park.

- 185 Federal ballot boxes, used at elections.
- 25 United States ballot boxes, used at primaries and elections and as "extras."
- 25 Standard ballot boxes, formerly used at caucuses, and now used as "extras" at primaries and elections.
- 29 Acme ballot boxes, as "extras."
- 9 Gravity ballot boxes.
- 4 Improved Federal ballot boxes.
- 3 Hub ballot boxes.
- 1 Perfection ballot box.
- 1 Ideal ballot box, from Hyde Park.
- 2 Dean ballot machines.

Two hundred and fourteen of the above ballot boxes are kept at 100 Summer street, the remainder at the storehouse in South Boston, where are also 241 old ballot boxes, not answering the present requirements of the law, but placed at each polling place at elections for temporary use in case of emergency; also 108 old revolving ballot boxes.

Office furniture at 100 Summer street, used in the offices of the department, consisting of 9 roll-top desks, 8 swivel chairs for same and 29 smaller swivel chairs, 2 library tables and 8 oak arm chairs, 2 atlas cases, 5 card index cabinets, 2 roll-front document cases, bookcases and books, 3 coat racks, 4 long tables, 3 counters, 2 office settees, 1 typewriting table, 1 table desk, 7 small tables, 4 clocks, 2 typewriting machines, 1 adding machine, stationery and required minor furnishings and fixtures for office purposes; 1 metal frame rack at vault, 88 Summer street; 1 card index at South Boston storehouse.



ANNUAL REPORT
OF THE
FIRE DEPARTMENT
FOR THE YEAR 1911-12.

Boston, February 1, 1912.

HON. JOHN F. FITZGERALD,
Mayor of the City of Boston:

SIR,— In accordance with section 24 of the Revised Ordinances, 1898, City of Boston, I have the honor to submit herewith the report of this department for the twelve months, February 1, 1911, to February 1, 1912. I would call to your attention the reports and tables of the Chief of Department, the Superintendents of the Repair Shop and Fire Alarm Branch and the Veterinary Surgeon, herewith attached, which give in detail the figures and workings of the department for the past year.

The total expenditures for the year were, under the regular appropriation, \$1,612,395.31; under special appropriations, \$144,742.53.

Mr. Charles D. Daly was Fire Commissioner up to January 26, 1912. He was succeeded on that date by John H. Dunn as Temporary Fire Commissioner.

Very respectfully,

JOHN H. DUNN,
Temporary Fire Commissioner.

REPORT OF THE CHIEF OF THE DEPARTMENT.

FROM THE CHIEF OF DEPARTMENT, BOSTON, February 1, 1912.

TO THE TEMPORARY FIRE COMMISSIONER:

The following is the report of the Fire Department for the year ending January 31, 1912.

During the year the department has responded to 4,433 alarms. The fire loss was \$2,232,267.

ADDITIONS AND CHANGES.

A third fireboat was put in service and a wharf and pier built for same, with a fire station for the crew at 521 Commercial street.

A gasoline combination chemical and hose wagon was purchased and put in service with Engine Company 11 as a hose tender. This was for the better protection of the Orient Heights section.

Nine hose wagons were equipped with turret nozzles, making a total of twenty now in service.

A new horse-drawn steam fire engine was purchased and put in service as Engine 12.

A new fireproof building for the repair division has been completed and occupied.

Land has been procured in Oak square, Brighton, and plans and specifications prepared for a fire station on the site.

Permission was obtained from the War Department and plans and specifications prepared for a new berth for Fireboat Engine 44 and station for crew at Northern Avenue Bridge to replace present quarters at Central Wharf, which are inadequate, and for which this department is paying a yearly rental of \$4,000.

The department headquarters has been equipped with a high pressure window sprinkler system which, in view of the always existing danger of the surroundings, should to some extent lessen the probability of fire from the outside destroying this building in which is located the fire alarm central station.

January 1, 1912, the town of Hyde Park was annexed

to Boston and the fire department of that town absorbed, pursuant to chapter 469 of the Acts of 1911.

The property and apparatus acquired consisted of a fire station in Hyde Park Centre in which was located one Seagrave ladder truck, fully equipped; one reserve ladder truck, fully equipped; two hose wagons with 3,400 feet of single jacket hose; one chemical engine with two 50-gallon tanks and 300 feet of $\frac{3}{4}$ -inch rubber hose, one exercising wagon, six horses, with harnesses, blankets, etc.; a fire station in Readville in which was located a hose wagon with 1,950 feet of single jacket hose, two horses, harnesses, blankets, etc.

One captain, one lieutenant, six permanent men and thirty call men were taken on by this department.

Changes in the boundary lines of fire districts 10, 12 and 14 were effected and a new district known as district 15 was established. This district consists of the former town of Hyde Park and the Mattapan section of Dorchester.

BUILDINGS.

There are 69 buildings for all purposes in charge of this department.

The care of this property is conducted in a systematic manner, and the cleanliness of the interiors show the evidence of this work.

The everyday wear and tear on the floors requires the constant attention of the men in the carpenters' squad, while the men employed to look out for the plumbing and painting have plenty of work on hand.

The fact remains that a great many of the houses are not modern, a few are very dilapidated, and at least one is in an unsanitary condition and hardly fit for occupancy.

In the near future some of the houses must be remodeled, and in any event changes must be made in the bathing facilities and inside and outside repairs, including painting, done.

APPARATUS AND EQUIPMENT.

The apparatus and equipment, including hose, has had the usual annual inspection and test and was found in condition for good service.

This department must soon meet the established fact that motor-driven apparatus of certain types will

be more economical and can perform the work more efficiently in certain localities than can horse-drawn.

FIRE ALARM BRANCH.

By the rearrangement and addition of equipment in the fire alarm operating room higher efficiency is now obtained. The operating force has been increased in order to give the best service under all conditions.

A number of new boxes have been established and several schoolhouse boxes relocated on the outside of the buildings to make them accessible to the public, hence more facility for giving alarms. A large amount of underground cable has been installed to replace overhead wires.

The same hazard of losing the headquarters building by fire from the outside still exists, though probably to a lesser extent. For further details of this branch, see report of the superintendent, hereto attached.

REPAIR SHOP BRANCH.

The new building has been completed and occupied, order has been restored and this most important division is now running smoothly.

It is a four-story structure with a one-story addition for the engine room and blacksmith shop. Total cost, \$105,893.84. The construction is fireproof. The foundations and floors are reinforced concrete, the roof is terra cotta and concrete, all steel is protected by a covering of concrete and partitions are terra cotta. The window sashes are metal, glazed with wired glass. All doors are metal.

For outside protection there has been installed a high service sprinkler system. There is also an automatic sprinkler system in the paint shop. On the main or apparatus floor pits have been built, thus making it easier to repair and inspect certain parts of the apparatus, which otherwise would be difficult of access.

Among the many conveniences are an electric elevator capable of moving the heaviest apparatus to any floor in the building, and a high pressure hydrant for testing purposes situated on the apparatus floor.

The enlarged blacksmith shop fills a long felt want, much time and labor being saved by having the work nearer the forges.

The following table shows repairs completed on apparatus and parts of apparatus for the year, the number of jobs done by the carpenters, painters, plumbers and steamfitters in the various houses in the department, and cost of same, also cost of stock furnished the different companies, the members of which completed their own repairs.

WORK DONE BY REPAIR SHOP.

	Number of Jobs.	Labor and Material.
Repairs in shop.....	2,181	\$26,913 00
Carpenters, painters, plumbers and steamfitters.....	624	17,210 00
Paint, lumber, etc., furnished, work done in quarters by members of the various companies. .		2,813 00
Total for year.....		\$46,936 00

This includes the complete repainting of the interiors of the following fire stations: Engines 1, 26-35, 27, 36, 41; Ladders 12, 18; Chemical 2, and also the painting of Fireboats 44 and 47.

In addition to the regular repair service the following apparatus has been rebuilt during the year: Ladders 21 and 22, and the boilers of Fireboat Engine 44.

VETERINARY HOSPITAL.

This branch is in first-class order and equipped with the most modern appliances for the treatment of horses.

HIGH PRESSURE SERVICE.

Chapter 312 of the Acts of 1911 provides for the installation of a high pressure fire system under the direction of the Commissioner of Public Works of the City of Boston and further provides that the City Council may appropriate the sum of \$1,000,000 for the purpose of defraying expenses incurred under the provisions of this act.

The sum of \$150,000 was made available in July of last year, and an independent engineering force was at once organized by the Commissioner of Public Works. Work has been vigorously prosecuted on surveys, plans, specifications and general studies of the work.

When the location of the pumping station has been definitely settled it will be possible to proceed in a very short time with actual construction.

BUILDING INSPECTION.

A systematic method of building inspection with due regard to business interests in the examination of premises where conditions of a fire menace exist, is an important feature of the daily routine. It is believed that the results will justify the means to the end that a reduction in fire losses will ensue and that danger to life and limb will be minimized.

If property owners and occupants of their buildings where the fire risk is ever in attendance gave sufficient attention to the correction of defects in their structures, to the elimination of dangers caused by the collection of rubbish and litter of all kinds and to the prevention, so far as possible, of the careless use of matches and the handling and storage of combustibles, the fire menace would be reduced to a marked degree.

Danger from fire is ever lurking in quarters where such conditions are in evidence. A conflagration generally has its beginning in buildings of fire breeding and fire feeding construction, where in its incipency it gathers force and spreads to other structures contiguous to it.

Frequent inspections are made of premises where volatile inflammables and products of petroleum are stored, by district chiefs and the inspector of inflammables and explosives.

FIRE HAZARD AND PREVENTION.

The same fire hazard exists, especially in the suburbs, and remedial legislation tending towards improving building conditions is necessary to meet the situation.

MUTUAL AID.

The extension of the tapper service to the adjoining cities and towns is slowly but surely bringing about the inevitable fire department unit in the metropolitan district.

RECOMMENDATIONS.

It is not to be expected that everything mentioned under this head can be done at once, nor perhaps in the near future, but the items noted constitute what

is necessary in my opinion, as to new stations, apparatus and men for the better protection of the city.

FIRE STATIONS.

A site should be secured and a house built in the Readville section to replace the present quarters of Hose 49, which are not adapted for the service.

A new house on the site of Chemical Company 3, Winthrop street, Charlestown, or the building remodeled for an engine company.

A new station to replace the quarters of Engine Company 8 or the house remodeled. These quarters are in a dilapidated condition.

A new station on the same site to replace present quarters of Engine Company 26-35 or the house remodeled. These quarters are not adapted to the number of men now housed there, the sleeping quarters being insufficient, unsanitary and unhealthy.

Any new arrangement in these quarters should include offices for the Chief of Department. Those at present are inadequate for the business of the chief of a fire department as large as that of Boston.

Entire new plumbing in the quarters of Ladder 24.

Arrangements should be made, if possible, to obtain more room in the present building in which are the quarters of Engine Company 4, Chemical Company 1 and Water Tower Company 1. At present no smoking or recreation room worthy of the name is in these quarters.

If it is possible to dispose of the present site of Engine Company 17 and Ladder Company 7 to advantage it should be done and a more modern house built in the immediate vicinity for these companies. The alternative is to build a new station or remodel the present one on the same site.

In the event of a change in the location of the South Boston Municipal Court the building should be secured for quarters for Ladder Company 5.

A heating plant should be installed in the quarters of Chemical Company 8, at present heated by a stove, with no heat in bathroom.

As far each year as the appropriation will permit the bathtubs in the houses should be replaced with shower rooms. I cannot emphasize too strongly the necessity of this recommendation.

I hardly need call your attention to the necessity of providing separate rooms for all officers. There are a few stations where the officers are sleeping in the dormitory or in the captain's office.

The exterior woodwork of the majority of the houses needs painting and also the outside brick or stone work should be repointed where necessary.

APPARATUS.

Engines.

A gasoline combination pumping engine and hose wagon, to have pump capacity of at least 700 gallons per minute, be purchased for the Readville section.

A horse or tractor drawn steam fire engine, with a pump capacity of at least 1,000 gallons per minute, for a new Winthrop street, Charlestown, house.

A gasoline combination pumping engine, chemical and hose wagon, to have a pump capacity of at least 700 gallons per minute, for service in the new station at Oak square, Brighton. In my opinion horse-drawn apparatus will have difficulty negotiating the hills in this vicinity.

Chemical and Hose Combination Wagons.

A gasoline combination chemical and hose wagon for service in the quarters of Ladder Company 23, Grove Hall section.

A gasoline combination chemical and hose wagon to be stationed in the quarters of Engine Company 37, to replace the present horse-drawn hose wagon. This is for the better protection of the Parker Hill section.

A gasoline combination chemical and hose wagon for service in the quarters of Chemical 11, Lauriat avenue section, to replace the present horse-drawn apparatus. This was the original intention and the house was so constructed.

A gasoline combination chemical and hose wagon for service in the Hyde Park section, to replace the present horse-drawn Chemical 14.

The horse-drawn hose wagons in certain of the suburban stations should be replaced by motor-driven combination chemical and hose wagons, to precede the engine on all first alarms and to act as tenders on extra alarms or covering.

The horse-drawn chemicals at present located in the

houses of Chemical Companies 2, 4, 7, 9 and 10, to be replaced by gasoline combination chemical and hose wagons.

This is in the interest of economy and in addition the latter are capable of carrying 1,000 feet of 2½-inch hose which would greatly increase their usefulness.

The district chiefs should be furnished with motor-driven runabouts. If not feasible at this time to supply all I strongly recommend the purchase of cars as soon as possible for those in charge of the outlying districts.

It would be of great advantage to this department and a measure of economy to have a motor-driven wagon attached to the fire alarm branch and one to the repair division.

Ladder Trucks.

A motor-driven combination ladder truck to be stationed in the quarters of Chemical 11, Lauriat avenue section.

A motor-driven combination ladder truck to be stationed in the quarters of Engine Company 42, Egleston square section, and horse-drawn Chemical 5 dispensed with. The placing of combination Chemical 13 in service in Forest Hills has lessened the need of Chemical 5, and truck service is needed in this vicinity.

A motor combination ladder truck to be stationed in the quarters of Engine Company 41, Allston, dispensing with horse-drawn Chemical 6. As a truck must be secured for this vicinity it would save the cost of building a new house to combine both as recommended.

A 75-foot aerial truck, motor-driven, if possible, should be purchased for service in the quarters of Ladder Company 12, to replace the present box truck. Increasing the height of buildings in this vicinity, and the Plant shoe factory, with nearly 5,000 employees, calls for this recommendation.

Men.

The following men would be required to properly operate the recommended apparatus.

Readville Station.—This company should consist of a lieutenant and six men, as two men are at present on Hose 49, which, of course, would be abandoned. This would require the appointment of but five men. The services of the call men attached to this company could be dispensed with, so that it would finally amount to very little extra cost to the city.

Oak Square Station.— The company should consist of a lieutenant and seven men.

Grove Hall Station.— The combination chemical recommended for these quarters would require a lieutenant and five men.

The motor-driven ladder truck in the quarters of Chemical 11 would require a lieutenant and seven men.

The motor-driven ladder truck in the quarters of Engine 42, Egleston square section, would require but four men, as Chemical Company 5 would be disbanded and the men transferred to truck.

The motor-driven ladder truck in quarters of Engine Company 41 would require but five men, as Chemical Company 6 would be disbanded and the men transferred to truck.

The new engine company recommended for Winthrop street, Charlestown, would require but six men, as Chemical Company 3 would be disbanded and the men transferred to engine company.

I would recommend that a few additional men be appointed on Ladder Company 28 in Hyde Park section, and the call service in the whole section be discontinued. This could be done with very little additional expense to the city.

In addition to the above a few men could be used to advantage in the suburban districts which are growing rapidly and require eternal vigilance to prevent serious fires; however, the substitution of motor-driven for horse-drawn apparatus will make a good many men available for real fire duty who are now engaged in holding horses.

While at first glance these recommendations appear voluminous and expensive they are really in the nature of a great saving both to the city and in fire losses.

Celerity is the first requisite of a fire department and this, to-day, is missing to the degree needed, especially in the outlying districts, where during the heavy going of the winter season, which is generally the most prolific in fires, even with the extra horses the much needed minutes are not saved and as a matter of fact the apparatus is sometimes fortunate to arrive at all.

Motor-driven apparatus overcomes this and more. It dispels the feeling that always exists after a few long runs with horse-drawn apparatus, namely, that the horses must be replaced with fresh ones if the apparatus is to again leave the station.

It is not to be assumed that this type of apparatus should be universally adapted for all sections of the city.

There always remain those well known fire hazards that the powerful streams of the heaviest artillery of the Fire Department must cope with to be successful.

PROMOTION.

The method of promotion only after competitive examination was established during the year under the following civil service rules:

Civil Service Regulations, 66.

(a.) Promotions in the Fire Department of the City of Boston shall be made only after open competitive examination, and by successive grades so far as practicable; such examinations to be open to all members of the grade from which the promotion is to be made who possess the qualifications as to time and nature of service fixed by the commission.

(b.) Competitive promotion examinations will be held from time to time, as often as may be necessary, to meet or to anticipate the needs of the higher grades; and due notice will be given by the commission as to the dates of such examinations and the qualifications required of candidates.

(c.) Persons qualified and who desire to take such promotion examinations shall file notice thereof with the commission at such times as it will fix.

(d.) Candidates for such promotion examinations will be marked on the following subjects: (1) Seniority or length of service; (2) Efficiency and record in the department; (3) Physical condition; (4) Knowledge of duties and of the law, and such other subjects as the commission may prescribe.

(e.) As the result of such competitive promotion examinations the commission will establish promotion lists; and whenever a promotion is to be made it will certify, upon requisition of the appointing officer, the names of the two persons standing highest on the promotion list; and one of such persons so certified shall be entitled to promotion, unless the appointing officer shall, upon written charges filed with the commission, satisfy it that an additional name should be certified.

(f.) No recommendation for the promotion of any member of the department shall be considered by the appointing officer unless it be made by the official or officials under whose immediate supervision such member has served; and such recommendation by any other person, if made with the knowledge and consent of the member serving, shall be sufficient cause for debarring him from the promotion proposed.

(g.) No person shall remain eligible for promotion for more than two years upon any promotion list unless the commission shall by vote continue the eligibility beyond such period.

(h.) If the candidates for promotion to any position shall be less than three (3) in number, the commission may assent to the promotion of a candidate nominated by the appointing officer, after the passing by said candidate of a suitable noncompetitive examination.

(i.) The weights for the various subjects in competitive promotion examinations shall be as follows:

Seniority or length of service	5
Efficiency or record in the department	8
Knowledge of duties and of law and other prescribed subjects	6
Physical condition	1

NOTE.—The New York City weights (*see* Civil Service Rule 15, Sect. 6) are:

Seniority	20
Conduct and efficiency	40
Written papers	40
	100

(j.) Credit on the subject of seniority shall be given only for the length of service in the grade in which the candidate is serving (as shown by the records) at the time of the promotion examination, and for which he seeks promotion, and shall be as follows:

The minimum mark shall be 50 per cent.

Three per cent shall be added for each full year of the first ten years of service.

One per cent shall be added for each full subsequent year.

NOTE.—The above is substantially the Chicago rule (*see* Civil Service Rule 7, Sect. 7). In New York (Civil Service Rule 15, Sect. 6) the maximum term of service in a position of grade to be considered in the rating for seniority is 15 years.

(k.) Credit on the subject of efficiency and record in the department will be based on two factors:

(1.) The candidate's qualifications of judgment, coolness, courage, executive ability, capacity for command of men, etc., the candidate's mark on examination to be based on the judgment of the Fire Commissioner filed in writing with the commission.

(2.) The candidate's record as shown on the official files of the Fire Department, including both merits and demerits.

Text books used in examinations:

1. General and special orders referring to administration and fire service.
2. Annual reports concerning personnel and organization.
3. Department regulations.
4. Buildings, boxes, hydrants, apparatus routes, etc., of their district.
5. Equipment of apparatus.
6. Fire methods.

Additional for senior officers:

Ordinances and statutes relative to the Fire Department.

Publications, such as the "Crosby-Fiske Handbook of Fire Protection" and the "National Board of Fire Underwriters' Reports."

Possible cases of large fires within their districts and how they shall be handled.

To the officers and men of the department I express my appreciation of the spirit and manner of their work, and thank them for their efforts to sustain the good name of our department with our fellow citizens.

The other departments which were called on to cooperate with us have shown the same hearty response, for which I am grateful.

JOHN A. MULLEN.

THE DEPARTMENT ORGANIZATION.

Temporary Commissioner, JOHN H. DUNN.
 Chief Clerk, BENJAMIN F. UNDERHILL.
 Chief of Department, JOHN A. MULLEN.
 Superintendent of Fire Alarms, GEORGE L. FICKETT.
 Assistant Superintendent of Fire Alarms and Chief Operator,
 RICHARD DONAHUE.
 Superintendent of Repair Shop and Supervisor of Engines,
 EUGENE M. BYINGTON.
 Veterinary Surgeon, DANIEL P. KEOGH.
 Medical Examiner, RUFUS W. SPRAGUE.

STRENGTH AND PAY.

HEADQUARTERS.

	Per annum
1 Commissioner	\$5,000
1 Chief clerk	2,500
1 Medical examiner	1,300
1 Bookkeeper	1,650
2 Clerks	1,400
1 Clerk	1,200
1 Clerk	800
1 Assistant engineer (messenger) *	1,200
1 Private (explosives detail) *	1,200

10

FIRE-FIGHTING FORCE.

1 Chief of department	\$4,000
1 Deputy chief	3,000
1 Junior deputy chief	2,500
14 District chiefs	2,000
56 Captains	1,600
91 Lieutenants	1,400
1 Lieutenant, aide to commissioner	1,400
1 Lieutenant, aide to chief	1,400
3 Engineers	1,400
45 Engineers	1,300
44 Assistant engineers	1,200
2 Assistant engineers	1,100

* Detailed from fire force.

652 Privates:

	Per annum
478	\$1,200
37	1,100
70	1,000
55	900
12	720
	Per day
1 Chief's driver	\$2 50
1 Chief's driver	2 00

914

Call Men.

	Per annum
30 Temporary call men in the Hyde Park district . .	\$100

REPAIR SHOP.

	Per annum
1 Superintendent	\$2,500
1 Captain, assistant superintendent *	1,600
1 Lieutenant, foreman of hose and harness shop *	1,400
1 Engineer *	1,300
1 Assistant engineer *	1,200
1 Master carpenter *	1,300
1 Master painter *	1,300
1 Engineer (master plumber) *	1,300
6 Privates *	1,200

Employees.

1 Clerk	\$1,100
1 Clerk	900
	Per day
1 Engineer	\$3 25
2 Firemen	2 50
2 Plumbers	4 40
1 Steamfitter	4 00
1 Painter	3 75
3 Painters	3 50
1 Painter	3 16
2 Wheelwrights	3 25
4 Machinists	3 25
3 Blacksmiths	3 50
1 Blacksmith	3 25
5 Blacksmith's helpers	2 50
3 Carpenters	3 50
2 Hose and harness repairers	3 25
1 Hose and harness repairer	2 25
1 Vulcanizer	2 50

* Detailed from fire force.

FIRE DEPARTMENT.

15

	Per day
3 Laborers	\$2 25
1 Temporary teamster	2 25
1 Temporary fireman	2 50

54

FIRE ALARM BRANCH.

	Per annum
1 Superintendent	\$2,500
1 Assistant superintendent	2,300
5 Privates, assistant operators *	1,200
	Per day
1 Chief's driver *	\$2 00

Employees.

	Per annum
1 Clerk	\$850
4 Operators	1,600
3 Assistant operators	1,200
1 Foreman of construction	2,000
	Per day
1 Machinist	\$4 00
21 Telegraphers and linemen (average)	3 13
1 Hostler	2 50

40

VETERINARY HOSPITAL.

	Per annum
1 Veterinary surgeon	\$2,000
1 Captain, assistant to veterinary surgeon *	1,600

Employees.

	Per day
3 Hostlers (average)	\$2 25
1 Horseshoer	3 00
1 Temporary horseshoer	3 00

7

1,055

CHIEF OF DEPARTMENT.

JOHN A. MULLEN.

Headquarters, Engine House 26-35, Mason Street.

The Chief is in charge of the fire protection for the whole city, which is subdivided into two divisions, each in charge of a deputy chief.

* Detailed from fire force.

DIVISION 1.

Deputy Chief, JOHN GRADY.

Headquarters, Engine House 25, Fort Hill Square.

This division comprises Districts 1, 2, 3, 4, 5, 6 and 13 (Marine District).

*District 1.**District Chief*, JOHN W. GODBOLD.Headquarters, Ladder House 2, Paris Street,
East Boston.

All that portion of the city (excluding any part of the Marine District) which is included within the district known as East Boston.

Apparatus Located in the District.—Engines 5, 9, 11, 40, Ladders 2, 21, Chemical 7.*District 2.**District Chief*, CHARLES H. W. POPE.Headquarters, Ladder House 9, Main Street,
Charlestown.

All that portion of the city (excluding any part of the Marine District) which is included within the district known as Charlestown.

Apparatus Located in the District.—Engines 27, 32, 36, Ladders 9, 22, Chemicals 3, 9.*District 3.**District Chief*, JOHN O. TABER.

Headquarters, Ladder House 18, Pittsburgh Street.

All that portion of the city (excluding any part of the Marine District) which is included within a line beginning at the intersection of State and Devonshire streets, thence easterly through State street to the water front, thence southeasterly across the harbor to the extension of C street, South Boston, thence southerly through C street to Cypher street, thence northwesterly through Cypher street to B street, thence southwesterly through B street to West First street, thence westerly through West First street to Atlantic Avenue Bridge, thence through Atlantic Avenue Bridge and Atlantic avenue

to Summer street, thence westerly through Summer street to Devonshire street, thence through Devonshire street to the point of beginning.

Apparatus Located in the District.—Engines 25, 38, 39, Ladders 8, 14, 18, Water Tower 3.

District 4.

District Chief, HENRY A. FOX.

Headquarters, Engine House 4, Bulfinch Street.

All that portion of the city (excluding any part of the Marine District) which is included within a line beginning at the intersection of State and Devonshire streets, thence southerly through Devonshire street to Water street, thence westerly through Water street to Washington street, thence southerly through Washington street to School street, thence through School street and Beacon street to Charles street, thence northerly through Charles street to Pinckney street, thence westerly through Pinckney street to the Cambridge boundary line, thence northerly along said Cambridge boundary line to its intersection with the tracks of the Eastern division of the Boston & Maine Railroad, thence northeasterly to the Warren Avenue Drawbridge, thence easterly to the Charlestown Drawbridge, thence northeasterly and then southerly around the water front to the extension of State street, thence through State street to the point of beginning.

Apparatus Located in the District.—Engines 4, 6, 8, Ladders 1, 24, Chemical 1, Water Tower 1.

District 5.

District Chief, DANIEL F. SENNOTT.

Headquarters, Engine House 26–35, Mason Street.

All that portion of the city (excluding any part of the Marine District) which is included within a line beginning at the intersection of Devonshire and Water streets, thence running westerly through Water street to Washington street, thence southerly through Washington street to School street, thence through School street and Beacon street to Charles street, thence northerly through Charles street to Pinckney street, thence westerly through Pinckney street to the Cambridge boundary line, thence southerly along said boundary line to the

extension of Otter street, thence through Otter street to Beacon street, thence easterly through Beacon street to Arlington street, thence through Arlington street to Boylston street, thence easterly through Boylston street to Church street, thence through Church street to Providence street, thence through Providence street to Columbus avenue, thence through Columbus avenue to Church street, thence through Church street to Tremont street, thence northerly through Tremont street to Pleasant street, thence southeasterly through Pleasant street and Broadway extension to Fort Point channel, thence northerly through Fort Point channel to Atlantic Avenue Bridge, thence through Atlantic Avenue Bridge and Atlantic avenue to Summer street, thence westerly through Summer street to Devonshire street, thence through Devonshire street to the point of beginning.

Apparatus Located in the District.—Engines 7, 10, 26, 35, Ladder 17, Chemical 2.

District 6.

District Chief, EDWIN A. PERKINS.

Headquarters, Engine House 1, Dorchester Street, South Boston.

All that portion of the city (excluding any part of the Marine District) which is included within a line beginning at the intersection of Atlantic Avenue Bridge and Fort Point channel, thence southerly through Atlantic Avenue Bridge to West First street, thence through West First street to B street, thence northerly through B street to Cypher street, thence through Cypher street to C street, thence northerly through C street to the water front, thence by the water front southeasterly, then westerly to the extension of Columbia road, thence through Columbia road to Mt. Vernon street, thence through Mt. Vernon street to Willow court, thence through Willow court to Massachusetts avenue, thence through Massachusetts avenue to the New York, New Haven & Hartford Railroad tracks (inclusive), thence northerly along said tracks (inclusive) to the South bay, thence northerly to Fort Point channel, thence through Fort Point channel to the point of beginning.

Apparatus Located in the District.—Engines 1, 2, 15, 43, Ladders 5, 19, 20, Chemical 8.

*District 13. (Marine District.)**District Chief, ROBERT A. RITCHIE.*

Headquarters, Fireboat Engine 47, house adjoining South Ferry, East Boston.

All that navigable portion of Boston Harbor and the rivers or waters emptying therein which is included within the city limits, with all the floats, vessels, ships, scows and boats of every description afloat thereon; all wharves, docks and piers (exclusive of the buildings on said wharves, docks and piers) extending into said navigable waters.

The following islands, with the buildings erected thereon, situated in Boston Harbor:

Governors, Apple, Deer, Lovells, Gallops, Georges, Long, Rainsford, Spectacle, Thompsons and Castle.

Apparatus Located in the District.—Engines 31, 44, 47 (fireboats).

DIVISION 2.

Deputy Chief, PETER F. McDONOUGH.

Headquarters, Ladder House 4, Dudley Street.

This division comprises Districts 7, 8, 9, 10, 11, 12, 14 and 15.

*District 7.**District Chief, JOHN T. BYRON.*

Headquarters, Engine House 22, Warren Avenue.

All that portion of the city (excluding any part of the Marine District) which is included within a line beginning at the intersection of Beacon and Otter streets, thence easterly through Beacon street to Arlington street, thence through Arlington street to Boylston street, thence easterly through Boylston street to Church street, thence through Church street to Providence street, thence through Providence street to Columbus avenue, thence through Columbus avenue to Church street, thence through Church street to Tremont street, thence northerly through Tremont street to Pleasant street, thence easterly through Pleasant street and Broadway extension to Fort Point channel, thence southerly through Fort Point channel to the Roxbury canal, thence southerly through the

Roxbury canal to Massachusetts avenue, thence northwesterly through Massachusetts avenue to the Cambridge boundary line, thence northeasterly along said boundary line to a point opposite the extension of Otter street, thence through Otter street to the point of beginning.

Apparatus Located in the District.—Engines 3, 22, 33, Ladders 3, 13, 15, Chemical 4, Water Tower 2.

District 8.

District Chief, STEPHEN J. RYDER.

Headquarters, Ladder House 12, Tremont Street.

All that portion of the city (excluding any part of the Marine District) within a line beginning at the intersection of Massachusetts avenue and the Cambridge boundary line, thence through Massachusetts avenue to Washington street, thence southerly through Washington street to Atherton street, thence westerly through Atherton and Mozart streets to Chestnut avenue, thence southerly through Chestnut avenue to Sheridan street, thence through Sheridan street to Centre street, thence through Centre street to Perkins street, thence through Perkins street to South Huntington avenue, thence northerly through South Huntington avenue to Castleton street, thence through Castleton street across Jamaica way to the Brookline line, thence northerly and westerly along the Brookline boundary line to the Cottage Farm Bridge (inclusive), thence northerly through Essex street to the Cambridge boundary line, thence easterly by said Cambridge boundary line to the point of beginning.

Apparatus Located in the District.—Engines 13, 14, 37, Ladders 12, 26, Chemical 12.

District 9.

District Chief, MICHAEL J. KENNEDY.

Headquarters, Engine House 12, Dudley Street.

All that portion of the city (excluding any part of the Marine District) within a line beginning at the intersection of the extension of Columbia road and the Old Harbor, thence running westerly through Columbia road to Mt. Vernon street, thence through Mt. Vernon street to Willow court, thence through Willow court to

Massachusetts avenue, thence through Massachusetts avenue to the New York, New Haven & Hartford Railroad tracks (exclusive), thence northerly along said tracks (exclusive) to the South bay, thence westerly along said South bay to the Roxbury canal, thence southerly through the Roxbury canal to Massachusetts avenue, thence northwesterly through Massachusetts avenue to Washington street, thence southerly through Washington street to Columbus avenue, thence easterly through Columbus avenue to Seaver street, thence through Seaver street to Blue Hill avenue, thence northerly through Blue Hill avenue to Geneva avenue, thence through Geneva avenue to Columbia road, thence northeasterly through Columbia road to Stoughton street, thence easterly through Stoughton street to Pleasant street, thence through Pleasant street to Savin Hill avenue, thence easterly and northerly through Savin Hill avenue to Evandale terrace, thence through Evandale terrace to the water front, thence northerly along the water front to the point of beginning.

Apparatus Located in the District.—Engines 12, 21, 23, 24, Ladder 4, Chemical 10.

District 10.

District Chief, JOHN W. MURPHY.

Headquarters, Engine House 18, Harvard Street,
Dorchester.

All that portion of the city (excluding any part of the Marine District) within a line beginning at the intersection of the extension of Evandale terrace and Dorchester bay, thence through Evandale terrace to Savin Hill avenue, thence northerly and westerly through Savin Hill avenue to Pleasant street, thence northerly through Pleasant and Stoughton streets to Columbia road, thence southerly through Columbia road to Geneva avenue, thence westerly through Geneva avenue to Blue Hill avenue, thence southerly through Blue Hill avenue to Canterbury street, thence through Canterbury street to Morton street, thence southerly through Morton street to Blue Hill avenue, thence northerly through Blue Hill avenue to Lauriat avenue, thence through Lauriat avenue to Norfolk street, thence through Norfolk street to Centre street, thence through Centre street to Adams street, thence northerly through Adams street to Mill street, thence through

Mill street to Preston street, thence through Preston street to Freeport street, thence southerly through Freeport street to Dorchester bay, thence northerly along the water front to the point of beginning.

Apparatus Located in the District.—Engines 17, 18, Ladders 7, 23, Chemical 11.

District 11.

District Chief, JOHN E. MADISON.

Headquarters, Engine House 41, Harvard Avenue,
Brighton.

All that portion of the city (excluding any part of the Marine District) included within the district known as Brighton which is west of the Cottage Farm Bridge and Essex street.

Apparatus Located in the District.—Engines 29, 34, 41, Ladder 11, Chemical 6.

District 12.

District Chief, MICHAEL J. MULLIGAN.

Headquarters, Engine House 28, Centre Street,
Jamaica Plain.

All that portion of the city known as West Roxbury and Jamaica Plain within a line beginning at the intersection of the extension of Castleton street and the Brookline boundary line, thence through Castleton street to South Huntington avenue, thence southerly through South Huntington avenue to Perkins street, thence easterly through Perkins street to Centre street, thence easterly through Centre street to Sheridan street, thence through Sheridan street to Chestnut avenue, thence northeasterly through Chestnut avenue to Mozart street, thence through Mozart street to Atherton street, thence through Atherton street to Columbus avenue, thence easterly through Columbus avenue to Seaver street, thence through Seaver street to Blue Hill avenue, thence southerly through Blue Hill avenue to Canterbury street, thence through Canterbury street to Morton street, thence southerly through Morton street to Harvard street, thence southerly through Harvard street to Ashland street, thence westerly through Ashland street to the New York, New Haven & Hartford Railroad tracks (exclusive), thence southerly along the New York, New Haven &

Hartford Railroad tracks to the Hyde Park boundary line, thence southwesterly along the Hyde Park boundary line to the Dedham boundary line, thence northwesterly along the Dedham boundary line to the Newton boundary line, thence northeasterly by the Newton boundary line to the Brookline boundary line, thence southeasterly and then northerly along said Brookline boundary line to the point of beginning.

Apparatus Located in the District.—Engines 28, 30, 42, 45, Ladders 10, 16, 25, Chemicals 5, 13.

District 14.

District Chief, MAURICE HEFFERNAN.

Headquarters, Engine House 46, Peabody Square,
Dorchester.

All that portion of the city (excluding any part of the Marine District) within a line beginning at the intersection of Dorchester bay and Freeport street (Commercial Point), thence northerly through Freeport street to Preston street, thence through Preston street to Mill street, thence through Mill street to Adams street, thence southerly through Adams street to Centre street, thence through Centre street to Norfolk street, thence through Norfolk street to Lauriat avenue, thence through Lauriat avenue to Blue Hill avenue, thence southerly through Blue Hill avenue to Morton street, thence northwesterly through Morton street to Harvard street, thence southerly through Harvard street to Oakland street, thence through Oakland street to Rexford street, thence through Rexford street to Blue Hill avenue, thence northerly through Blue Hill avenue to Fremont street, thence through Fremont street to the Neponset river, thence along the Neponset river and Dorchester bay northwesterly to the point of beginning.

Apparatus Located in the District.—Engines 16, 20, 46, Ladders 6, 27.

District 15.

Acting District Chief, CAPT. JOHN H. WETHERBEE.

Headquarters, Engine House 48, Corner Harvard
Avenue and Winthrop Street, Hyde Park.

All that portion of the city within a line beginning at the intersection of the extension of Fremont street

and the Milton boundary line, thence through Fremont street to Blue Hill avenue, thence southerly through Blue Hill avenue to Rexford street, thence through Rexford street to Oakland street, thence westerly through Oakland street to Ashland street, thence through Ashland street to the New York, New Haven & Hartford Railroad tracks (inclusive), thence southerly along the New York, New Haven & Hartford Railroad tracks (inclusive) to the boundary line of Hyde Park, thence along the Hyde Park boundary line to the Dedham boundary line, thence southeasterly along the Dedham boundary line to the Milton boundary line, thence along the Milton boundary line to the point of beginning.

Apparatus Located in the District.—Engines 19, 48, Ladder 28, Chemical 14; Hose 49.

NOTE.—Wherever a street, channel or bridge is used the center line of each will be the line used.

FIRE STATIONS.

LOCATION AND VALUATION.

LOCATION.	Number of Feet in Lot.	Assessed Valuation.	Occupied by
Dorchester and Fourth streets.	8,167	\$25,800	Engine 1 and Ladder 5.
Corner of O and Fourth streets.	4,000	16,200	Engine 2.
Bristol street and Harrison avenue. . .	4,000	30,000	Engine 3 and Ladder 3.
Bulfinch street.	6,098	96,000	Engine 4, Chemical 1 and Tower 1.
Marion street, East Boston.	1,647	9,000	Engine 5.
Leverett street.	2,269	40,000	Engine 6.
East street.	1,893	37,300	Engine 7.
Salem street.	2,568	26,500	Engine 8.
Paris street, East Boston.	4,720	33,300	Engine 9 and Ladder 2.
River street.	1,886	20,500	Engine 10.
Saratoga and Byron sts., East Boston,	10,000	40,000	Engine 11 and Ladder 21.
Dudley street.	7,320	25,000	Engine 12.
Cabot street.	4,832	16,000	Engine 13.
Centre street.	5,713	14,600	Engine 14.
Dorchester avenue.	2,803	18,600	Engine 15.
Corner River and Temple streets.	12,736	19,200	Engine 16 and Ladder 6.
Meeting House Hill, Dorchester.	9,450	17,300	Engine 17 and Ladder 7.
Harvard street, Dorchester.	9,440	18,800	Engine 18.
Norfolk street, Dorchester.	7,683	14,200	Engine 19.
Walnut street, Dorchester.	9,000	17,300	Engine 20 and Ladder 27.
Columbia road, Dorchester.	10,341	17,100	Engine 21.
Warren avenue.	7,500	62,500	Engine 22 and Ladder 13.
Northampton street.	3,445	11,200	Engine 23.
Corner Warren and Quincy streets. . .	4,186	18,100	Engine 24.
Fort Hill square.	4,175	100,600	Engine 25, Ladder 8 and Ladder 14.
Mason street.	5,623	175,000	Engines 26 and 35.
Elm street, Charlestown.	2,600	18,000	Engine 27.
Centre street, Jamaica Plain.	10,377	28,300	Engine 28 and Ladder 10.
Chestnut Hill avenue, Brighton.	14,358	37,200	Engine 29 and Ladder 11.
Centre street, West Roxbury.	12,251	25,000	Engine 30 and Ladder 25.
521 Commercial street, on land of Public Works Department.		*	Engine 31, fireboat.

* Building cost \$18,000.

Fire Stations.—*Concluded.*

LOCATION.	Number of Feet in Lot.	Assessed Valuation.	Occupied by
Bunker Hill street, Charlestown.	8,188	\$26,200	Engine 32.
Corner Boylston and Hereford streets,	5,646	98,000	Engine 33 and Ladder 15.
Western avenue, Brighton.	4,637	17,800	Engine 34.
Monument street, Charlestown.	5,668	21,000	Engine 36 and Ladder 22.
Corner Longwood and Brookline aves.,	5,231	14,300	Engine 37 and Ladder 26.
Congress street.	4,000	38,000	Engines 38 and 39.
Sumner street, East Boston.	4,010	18,000	Engine 40.
Harvard avenue, near Cambridge street, Brighton.	6,112	25,500	Engine 41 and Chemical 6.
Washington street, at Egleston square,	3,848	22,900	Engine 42 and Chemical 5.
Andrew square.	5,133	19,600	Engine 43 and Ladder 20.
Central Wharf, on leased property.			Engine 44, fireboat.
Washington street, corner Poplar street, Roslindale.	14,729	22,400	Engine 45 and Ladder 16.
Dorchester avenue, Ashmont.	4,875	22,900	Engine 46.
Adjoining South Ferry, East Boston. .	11,950	31,600	Engine 47, fireboat.
Harvard avenue and Winthrop street, Hyde Park.	9,450	36,000	Engine 48, Ladder 28 and Chemical 14.
Church street.	3,412	23,600	Chemical Engine 2.
Winthrop street.	5,230	15,400	Chemical 3.
Shawmut avenue.	889	4,300	Chemical Engine 4.
Saratoga street, East Boston.	9,300	40,600	Chemical Engine 7.
B street.	1,800	7,800	Chemical Engine 8.
Eustis street.	1,790	8,000	Chemical Engine 10.
Corner Callender and Lyons streets. . .	7,200	13,200	Chemical 11.
Corner Walk Hill and Wenham streets,	11,253	17,600	Chemical 13.
Friend street.	1,676	37,200	Ladder 1.
Dudley street.	3,923	26,000	Ladder 4.
Main street, Charlestown.	4,290	16,400	Ladder 9 and Chemical 9.
Tremont street.	4,311	25,600	Ladder 12 and Chemical 12.
Harrison avenue.	2,134	23,500	Ladder 17.
Pittsburgh street, South Boston.	8,964	35,400	Ladder 18 and Tower 3.
Fourth street.	3,101	10,700	Ladder 19.
Washington street, Dorchester.	6,875	21,400	Ladder 23.
North Grove street.	3,918	19,800	Ladder 24.
Sprague and Milton streets, Hyde Park District, on land owned by the New York, New Haven & Hartford Rail- road.		*	Hose 49.

* Building of little value and belongs to city.

OTHER BUILDINGS.

	Assessed Valuation.
Fuel house, Dorchester street, 1,610 feet of land,	\$3,100
Fuel house, Salem street, 417 feet of land . . .	4,400
Fuel house, Main street, Charlestown, 2,430 feet of land . . .	6,500
Headquarters Building, corner of Albany and Bristol streets, 23,679 feet of land . . .	113,000
Water Tower No. 2 and wrecking wagon are in Headquarters Building.	
Veterinary Hospital, Atkinson street, 64,442 feet of land . . .	75,000
Fuel house, Washington, near Dover street, 1,007 feet of land . . .	10,500

APPARATUS.

Steam Engines.—45 in service, 6 in reserve.

Ladder Trucks.—28 in service, 10 in reserve.

Chemical Engines.—14 in service, 5 in reserve.

Water Towers.—3 in service.

Fireboats.—3 in service.

Hose Wagons.—45 in service, 5 in reserve.

Chief's Wagons.—16 in service, 5 in reserve.

Motor Cars.—5 in service.

Motor Combination Wagons.—2 in service.

Miscellaneous.—39 fuel wagons, 6 repair wagons, 2 supply wagons, 3 manure wagons, 1 caravan, 39 hose pungs, 2 jobbing pungs, 4 fire alarm pungs.

ENGINES.

NUMBER.	Built by	Put in Service.	Rebuilt by	Date.	Diameter of Cylinder.	Diameter of Pump.	Stroke.	Size.
1.	Clapp & Jones Manufacturing Company.	April, 1890	American Fire Engine Company...	1899	8½	5	7	Second.
2.	Silsby Manufacturing Company.....	1890	American Fire Engine Company...	1904	8	4½	8	Second.
3.	American Fire Engine Company.....	Jan., 1904	.....	.....	9	5½	8	First.
4.	International Power Company.....	Jan., 1907	.....	.....	8½	5	8	First.
5.	American Fire Engine Company.....	June, 1907	.....	.....	8	4½	8	Second.
6.	Amoskeag Manufacturing Company..	1870	Manchester Locomotive Works....	1890	7¾	4¾	8	Second.
7.	American Fire Engine Company.....	Feb., 1893	American La France Fire Engine Company.	1907	9	5½	8	First.
8.	American La France Fire Engine Company.	May, 1907	.....	.....	9	5½	8	First.
9.	Silsby Manufacturing Company.....	April, 1890	American Fire Engine Company...	1902	8	4½	8	Second.
10.	Silsby Manufacturing Company.....	April, 1886	American Fire Engine Company...	1903	8	4½	8	Second.
11.	Amoskeag Manufacturing Company..	March, 1879	Manchester Locomotive Works....	1905	6⅞	4½	8	Third.
12.	International Power Company.....	Dec., 1911	.....	.....	7¾	4¾	8	Second.
13.	Clapp & Jones Manufacturing Company.	April, 1890	American Fire Engine Company...	1899	8½	5	7	Second.
14.	Amoskeag Manufacturing Company..	1872	International Power Company.....	1907	7¾	4¾	8	Second.
15.	American Locomotive Works.....	Dec., 1904	.....	.....	8½	5	8	First.

16.....	Amoskeag Manufacturing Company..	July,	1872	American British Company.....	1910	7½	4½	8	Second.
17.....	Manchester Locomotive Works.....	May,	1886	Manchester Locomotive Works....	1906	6½	4½	8	Third.
18.....	Manchester Locomotive Works.....	Nov.,	1890	Manchester Locomotive Works....	1905	6½	4	8	Fourth.
19.....	Manchester Locomotive Works.....	Feb.,	1896	.....	1909	6½	4½	8	Third.
20.....	Silsby Manufacturing Company.....	Aug.,	1882	American Fire Engine Company...	1900	8	4½	8	Second.
21.....	Amoskeag Manufacturing Company..	Sept.,	1870	International Power Company....	1907	7½	4½	8	Second.
22.....	Manchester Locomotive Works.....	Nov.,	1896	.....	.....	7½	4½	8	Second.
23.....	Silsby Manufacturing Company.....	April,	1890	American Fire Engine Company...	1901	8	4½	8	Second.
24.....	Amoskeag Manufacturing Company..	July,	1867	American Locomotive Works.....	1904	7½	4½	8	Second.
25.....	American La France Fire Engine Company.	Dec.,	1910	.....	.....	9	5½	8	First.
26.....	International Power Company.....	Feb.,	1909	.....	.....	8½	5½	8	First.
27.....	Silsby Manufacturing Company.....	1891	1891	American Fire Engine Company...	1892	8	4½	8	Second.
28.....	Amoskeag Manufacturing Company..	Oct.,	1882	American Locomotive Company...	1904	6½	4½	8	Third.
29.....	American British Company.....	Jan.,	1911	.....	.....	7½	4½	8	Second.
30.....	Manchester Locomotive Works.....	Nov.,	1890	International Power Company....	1910	6½	4	8	Fourth.
31.....	Clapp & Jones Manufacturing Com- pany.	1889	1889	.....	.....	16	9	10	1 pump, 2,800 gals.
32.....	International Power Company.....	June,	1907	.....	.....	7½	4½	8	Second.
33.....	International Power Company.....	Nov.,	1909	.....	.....	7½	4½	8	Second.
34.....	Amoskeag Manufacturing Company..	Dec.,	1869	American Locomotive Company...	1904	7½	4½	8	Second.
35.....	Manchester Locomotive Works (self- propeller).	Jan.,	1898	.....	.....	9½	5½	8	Double extra first.

ENGINES.—*Concluded.*

NUMBER.	Built by	Put in Service.	Rebuilt by	Date.	Diameter of Cylinder.	Diameter of Pump.	Stroke.	Size.
36.	International Power Company	Nov., 1909	.....	.....	8½	5½	8	First.
37.	Manchester Locomotive Works.	March, 1896	International Power Company.	1907	6½	4½	8	Third.
38.	Manchester Locomotive Works (self-propeller).	June, 1897	.....	.....	9½	5½	8	Double extra first.
39.	Manchester Locomotive Works.	June, 1901	.....	.....	8½	5	8	First.
40.	American Locomotive Company.	Jan., 1906	.....	.....	8½	5	8	First.
41.	International Power Company.	Feb., 1909	.....	.....	7½	4½	8	First.
42.	Manchester Locomotive Works.	March, 1884	International Power Company.	1907	6½	4½	8	Third.
43.	Amoskeag Manufacturing Company..	Nov., 1867	American Locomotive Company.	1904	7½	4½	8	Second.
44.	American Fire Engine Company.	Aug., 1895	.....	.....	{ 12½ H. P. 18 L. }	{ P. 10 } 11	{ 2 sets of pumps, 6,000 gallons.	Third.
45.	Manchester Locomotive Works.	Feb., 1895	Fire Department Repair Shop.	1900	6½	4	8	Fourth.
46.	Manchester Locomotive Works.	Nov., 1890	Manchester Locomotive Works.	1902	6½	4	8	{ 2 sets of pumps, 6,000 gallons.
47.	G. F. Blake Manufacturing Company,	Aug., 1909	.....	.....	{ 12 H. 22 L. }	{ 10 } 11	{ 2 sets of pumps, 6,000 gallons.	Third.
48.	Hunneman & Co.	Oct., 1872	Manchester Locomotive Works.	1905	7½	4½	8	

In Reserve.

C.....	Amoskeag Manufacturing Company..	Nov., 1872	Manchester Locomotive Works.....	1898	6 $\frac{1}{2}$	4 $\frac{1}{2}$	8	Third.
D.....	American Fire Engine Company.....	June, 1895	American La France Fire Engine Company.	1907	9	5 $\frac{1}{2}$	8	First.
26.....	Manchester Locomotive Works.....	July, 1903	.....	.....	8 $\frac{1}{2}$	5	8	First.
33.....	Manchester Locomotive Works.....	April, 1901	.....	.....	7 $\frac{3}{8}$	4 $\frac{1}{2}$	8	Third.
28.....	Manchester Locomotive Works.....	Oct., 1882	Fire Department Repair Shop.....	1904	7 $\frac{3}{8}$	4 $\frac{1}{2}$	8	Second.
12.....	Manchester Locomotive Works.....	March, 1882	Manchester Locomotive Works.....	1904	6 $\frac{1}{2}$	4 $\frac{1}{2}$	8	Third.

CHEMICAL ENGINES.

NUMBER.	Built by	Put in Service.	Remarks.	Capacity.
1.....	American La France Company.....	Dec., 1910	.....	Gallons. 100
2.....	Babcock Manufacturing Company.....	April 25, 1874	.....	160
3.....	Fire Extinguisher Manufacturing Company.....	April 29, 1898	.....	70
4.....	Babcock Manufacturing Company.....	May, 1876	Rebuilt by Hinman, 1886, rebuilt at Boston Fire Department Repair Shop April, 1906.	160
5.....	Babcock Manufacturing Company.....	Sept. 21, 1876	Altered by Hinman.....	100
6.....	Babcock Manufacturing Company.....	May 1, 1876	Altered by Hinman.....	100
7.....	Babcock Manufacturing Company.....	Sept. 27, 1886	Altered by Hinman.....	100

CHEMICAL ENGINES.—*Concluded.*

NUMBER.	Built by	Put in Service.	Remarks.	Capacity.
8.....	Babcock Manufacturing Company.....	Oct. 27, 1887	Altered by Hinman.....	<i>Gallons.</i> 160
9.....	Babcock Manufacturing Company.....	July 17, 1889	Altered by Hinman.....	100
10.....	Babcock Manufacturing Company.....	Sept. 13, 1889	Altered by Hinman.....	100
11.....	Charles T. Holloway.....	March, 1892	.....	70
12.....	Babcock Manufacturing Company.....	Oct., 1890	.....	100
13.....	Knox Auto Company.....	July, 1910	.....	35
14.....	Babcock Manufacturing Company.....	1881	.....	100

In Reserve.

NUMBER.	Built by	Put in Service.	Capacity.
A.....	Charles T. Holloway.....	Nov., 1895	<i>Gallons.</i> 100
B.....	Charles T. Holloway.....	Oct., 1895	100
C.....	Charles T. Holloway.....	Sept., 1896	80
E.....	Charles T. Holloway.....	1894	70
Old No. 1.....	Babcock Manufacturing Company.....	1890	100

LADDER TRUCKS.

NUMBER.	Built by	Put in Service.	Rebuilt by	Number of Ladders.
1.....	Hunneman & Co.....	Dec., 1869	Charles Waugh & Co.....	12
2.....	Abbott-Downing Company.....	1899	.....	12
3.....	Abbott-Downing Company.....	June 2, 1886	.....	14
4.....	Abbott-Downing Company.....	April 25, 1884	.....	15
5.....	Hunneman & Co.....	March, 1870	Charles Waugh & Co.....	17
6.....	C. N. Perkins & Co.....	Aug., 1905	.....	17
7.....	C. T. Holloway & Co.....	July 28, 1898	.....	10
8.....	Hunneman & Co.....	1870	Fire Department Repair Shop.....	14
9.....	Fire Department Repair Shop.....	1908	.....	15
10.....	Fire Department Repair Shop.....	March 18, 1909	.....	12
11.....	American La France Fire Engine Company.....	Jan., 1907	.....	14
12.....	J. Ryan & Co.....	July, 1880	Fire Department Repair Shop.....	15
13.....	Fire Department Repair Shop.....	1907	.....	Extension.
14.....	American La France Fire Engine Company.....	Jan., 1911	.....	Extension.
15.....	American La France Fire Engine Company.....	Nov., 1906	.....	Extension.
16.....	Fire Department Repair Shop.....	Sept., 1888	.....	15
17.....	Seagrave Company.....	June, 1911	.....	Extension.
18.....	Seagrave Company.....	April, 1910	.....	Extension.

LADDER TRUCKS.—*Concluded.*

NUMBER.	Built by	Put in Service.	Number of Ladders.
19.....	Fire Extinguisher Manufacturing Company.....	Jan., 1898.....	8
20.....	Charles N. Perkins Company.....	Dec. 30, 1902.....	8
21.....	Charles T. Holloway.....	Jan., 1898.....	9
22.....	Charles T. Holloway.....	Jan., 1898.....	9
23.....	American La France Fire Engine Company.....	Dec., 1910.....	9
24.....	Charles T. Holloway & Co.....	Oct., 1901.....	7
25.....	Charles T. Holloway & Co.....	April 25, 1900.....	7
26.....	American La France Fire Engine Company.....	Nov., 1908.....	7
27.....	Charles N. Perkins & Co.....	Nov., 1901.....	9
28.....	Seagrave Company.....	Nov., 1910.....	12

In Reserve.

DESCRIPTION.	Built by
Relief A.....	Fire Department Repair Shop.
Relief E.....	Fire Department Repair Shop.
Former Ladder 11.....	Hunneman & Co.....1874
Former Ladder 16.....	Hunneman & Co.....1888

Former Ladder 6.....	Hunnehan & Co.....	1873	
Former Ladder 18.....	International Fire Engine Company.....	Oct., 1902	Extension.
Former Ladder 9.....	Wagh & Co.....	1872	
Former Ladder 17.....	American La France Fire Engine Company.....	April, 1891	Extension.
Old No. 1 (Hyde Park).....	Johnson.....		
New truck.....	American La France Fire Engine Company.....	1910	

WATER TOWERS.

Number.	Built by	Put in Service.
1.....	Kansas City Fire Department Supply Company.....	Dec. 18, 1893
2.....	Kansas City Fire Department Supply Company.....	May 17, 1890
3.....	International Fire Engine Company.....	Nov. 2, 1903

TOOLS AND MACHINERY IN REPAIR SHOP.

BLACKSMITH SHOP.	Boiler Room.	Hose and Harness Shop.	Engine Room.	Wheelwright and Machine Shop.
5 forges.	3 Manning vertical tubular boilers, each 75 horse power.	1 Buckley electric hose testing and expanding engine.	1 25 horse power steam engine, cylinder, 9 by 31.	1 each engine lathe, with foot beds 28 by 12; 16 by 12; 16 by 9; 14 by 8 and 14 by 6.
1 power hammer.	2 Blake boiler feed pumps.	2 electric-driven sewing machines.	1 Knowles triplex pump for hose testing.	1 16 by 10 speed lathe.
1 gas tire heater.		Numerous tools and appliances for repairing hose and harnesses.	1 15 horse power motor.	1 16 by 10 wood lathe.
1 tire upsetter.			2 dynamos and engines which supply current to fire alarm, central station.	1 26 by 26 planer, 8-foot bed.
1 punch and shears.				1 planer, 16 by 29, shaper.
1 lever shears.				1 radial drill.
1 tire roller.				2 upright drills.
2 rubber tire setters.				1 wall drill.
1 bolt cutter.				1 circular saw.
1 fan blower.				1 band saw.
				1 boring and mortiser machine.
				2 buzz planers.
				1 grindstone.
				Numerous small tools.

APPARATUS PURCHASED DURING THE YEAR.

1 Combination chemical and hose motor car	\$5,500
1 Aerial ladder truck	4,930
1 Second size Amoskeag steam fire engine	4,850
1 "1910" Cadillac automobile (second hand)	950
1 Ladder truck	750
10 Life nets	525
1 Double caravan	300

HOSE.

Amount Purchased and Condemned During the Year.

	Purchased (Feet).	Condemned (Feet).
Leading cotton	10,550	11,000
Leading rubber	1,500	1,550
Chemical	1,500	1,200
Deck	150	150
Rubber suction	—	10
Flexible suction	150	125
Deluge	—	112
	13,850	14,147

Amount in Use and Store February 1, 1912.

	In Use.	In Store.
Leading cotton	106,969	2,660
Leading rubber	9,900	300
Chemical	12,550	350
Deck	900	—
Rubber suction	1,044	94½
Flexible suction	525	50
Deluge	832	81
	132,720	3,535½

HORSES.

Number in the department February 1, 1911	408
Purchased during the year	59
By annexation of Hyde Park	8
Total	475
Sold or exchanged	48
Died	7
Destroyed	4
Killed in service	1
Total	60
Number in the department February 1, 1912	415

EXPENDITURES FOR THE YEAR.

Salaries to January 25, 1912, inclusive:

Charles D. Daly, commissioner .	\$4,986 28
B. F. Underhill, chief clerk . .	2,493 40
John A. Mullen, chief	3,988 92
Deputy and district chiefs . .	33,314 85
Members of the various fire companies	1,067,314 21
Pensioners	108,601 84
Clerks in office	6,431 88

 \$1,227,131 38

Less amount deducted for cloth, 2,427 30

 \$1,224,704 08

Horses:

Hay, grain and straw	\$47,971 60
Shoeing	19,197 35
Horse hire	1,496 50
Harnesses and repairs	6,886 77
Purchase and exchange of . .	12,752 84
Attendants at hospital, medicine, etc.	7,886 43

 96,191 49
Repairs of apparatus, including stock sent to
repair shop:

Mechanics	\$39,577 10
Materials, etc.	19,202 53

 58,779 63

Fuel for engines and houses	39,954 32
Repairs and alterations of houses	27,384 17
Hardware, tools and supplies	19,455 97

New apparatus:

1 Combination chemical engine and hose motor car	\$5,500 00
1 Aerial ladder truck	4,930 00
1 Engine	4,850 00
1 Automobile	950 00
1 Ladder truck	750 00
10 Life nets	525 00
1 Caravan	300 00

 17,805 00

Hose pipes and repairs	11,840 79
Electric lighting	10,904 09
Rents	9,384 27

 Carried forward \$1,516,403 81

<i>Brought forward</i>	\$1,516,403	81
Furniture and bedding	\$6,436	54
Washing	1,374	80
	7,811	34
Uniform cloth	2,566	96
Printing	2,276	67
Medical service	1,837	36
Gas	1,439	36
Stationery	1,037	89
Hats, badges and buttons	995	96
Chemicals	978	09
Expert services	695	50
Janitor at headquarters	602	40
Allowance to members for clothing, etc., lost at repair shop fire (order of Common Council, November 14, 1911)	546	89
Ice	495	62
Books, papers and office expenses	477	84
Traveling expenses	442	50
Expert accountant services	425	00
Insurance	310	02
Lessons in use of gasoline engines, etc.	240	00
Expenses of detailed men	234	88
Removing ashes from fireboat	181	68
Freights	179	01
Postage	141	70
Medical supplies	131	83
Electric power	125	66
Advertising	80	90
Stenographic work and small items	51	48
Rent of gas regulators	38	25
	\$1,540,748	60

Fire alarm telegraph:

Salaries:

George L. Fickett, superin- tendent	\$2,493	40
Operators, repairers, etc.	41,867	18
	\$44,360	58

Less amount deducted for
cloth 8 84

	\$44,351	74
Wires, cables and conduits	11,717	32

Instruments, tools and repairs	7,714	73
Repairs, alterations and exten- sions	3,562	41

Carried forward \$67,346 20 \$1,540,748 60

<i>Brought forward</i>	\$67,346 20	\$1,540,748 60
Telephone service	1,528 87	
Electric power	964 70	
Maps and plans	489 04	
Use of duct in East Boston		
Tunnel	450 36	
Repairing clocks	347 30	
Electric light for clocks	284 74	
Car fares and traveling expenses,	235 50	
		71,646 71
		<u>\$1,612,395 31</u>

SPECIAL APPROPRIATIONS.

Fireboat Quarters and Pier, Northern Avenue.

Payments on account:

Expert services	\$15 00
Advertising	3 40
	<u>\$18 40</u>

Department Repair Shop.

Payments on account:

Contractor, John F. Griffin Company	\$97,867 20
Architects, Thomas, Parker & Rice	5,886 33
Plans for heating and ventilating	661 64
Benches, etc.	572 00
Printing	361 44
High pressure piping for engine	275 00
Borings and tests	238 25
Advertising	6 40
	<u>\$105,868 26</u>

Fire Station, Lauriat Avenue District.

Balance of payments:

Contractors, McGahey & O'Connor	<u>\$2,997 83</u>
---------------------------------	-------------------

(Total cost, \$15,762.07.)

Fire Station, Oak Square and Faneuil Section.

Continuation of payments:

Expert services	\$25 00
Advertising for site	2 80
	<u>\$27 80</u>

New Fireboat, No. 31.

Continuation of payments:

Contractors, Bertelsen & Petersen Engineering Company	\$13,796 75
Architect, Arthur Binney	1,371 09
Hose	2,067 50
Coppering	503 04
Consulting engineer	100 00
Inspector of hull	36 00
Marine instruments, etc.	32 10
Coal	15 00
	\$17,921 48

New Quarters for Fireboat 31.

Continuation of payments:

Building of, Christopher F. Brown, contractor	\$10,400 00
Building wharf and dredging dock, W. H. Ellis, contractor	6,264 59
Architect, C. J. Bateman	624 00
Engineering	307 33
Printing	134 49
Tide water displacement	100 00
Water service pipe	67 15
Advertising	11 20
	\$17,908 76

(Cost to date, \$17,983.76.)

RECAPITULATION.

Fire Department (including Fire Alarm, Repair

Shop and new apparatus)	\$1,612,395 31
Fireboat quarters and pier, Northern avenue	18 40
Department repair shop	105,868 26
Fire Station, Lauriat avenue district	2,997 83
Fire Station, Oak square and Faneuil section	27 80
New Fireboat, No. 31	17,921 48
New quarters for fireboat 31	17,908 76
	\$1,757,137 84

INCOME.

Sale of one book	\$2 50
Labor of fire alarm employees	10 50
Cloth remnants	22 75
Rent	32 00
<i>Carried forward</i>	\$67 75

<i>Brought forward</i>	\$67 75
Insurance	50 00
Damage to fire alarm boxes	138 47
Sale of manure	227 00
Permits for keeping of fireworks, explosives, and transportation of same; fires in open air and blasting	243 25
Sale of badges admitting to fire lines	329 00
Sale of three old bells	1,803 42
Sale of old material	2,048 02
Sale of old fireboat, Engine 31	2,555 00
Bath Department, steam for Dover Street Bath House	3,455 91
	<u>\$10,917 82</u>

Months.	ALARMS RECEIVED.						Loss.		INSURANCE.		ALARMS.				Not in Building.	Confined to Building.	Confined to Others.	Out of City.	BUILDINGS.				
	Members.	Police.	Citizens.	Telephone.	Automatic.	Unknown.	Total.	Buildings.	Contents.	Buildings.	Contents.	TELEGRAPH.		FIRE.									
												False.	Needless.	False.					Needless.	Damage None.	Damage Slight.	Damage Considerable.	
January.....	13	16	284	62	15	8	398	\$63,326 94	\$101,375 38	\$1,906,964	\$1,573,000	174	8	20	158	38	263	5	66	1	133	129	8
February....	10	20	224	39	18	3	314	75,903 37	143,941 47	3,007,851	795,100	156	3	13	117	25	243	1	27	2	101	134	10
March.....	15	16	278	70	17	7	403	68,254 76	69,607 17	1,789,193	1,129,315	195	7	11	165	25	265	2	94	1	106	147	13
April.....	19	14	334	139	7	10	523	74,705 42	202,262 18	4,311,075	1,229,459	228	10	16	245	24	228	10	237	7	98	118	10
May.....	11	27	323	106	9	10	486	48,703 82	67,317 06	1,627,703	830,902	206	10	11	223	36	273	9	154	2	113	149	9
June.....	6	25	250	49	11	12	353	31,359 65	78,876 37	2,554,830	827,158	170	12	6	143	22	224	2	86	3	96	128	2
July.....	19	28	360	111	19	19	556	90,579 40	115,274 06	1,721,935	550,000	230	19	15	258	34	289	22	196	3	145	150	13
August.....	6	7	213	20	12	7	265	51,157 08	48,608 47	1,430,304	349,027	147	7	13	73	25	189	4	30	1	84	100	8
September...	7	12	148	32	8	13	220	122,301 60	208,848 24	1,068,817	557,800	97	13	6	76	28	147	5	25	1	71	71	10
October.....	8	11	181	28	14	14	256	21,607 11	31,038 43	679,340	524,320	117	14	15	90	20	173	...	31	3	85	83	5
November...	9	9	222	47	18	9	314	36,529 54	61,326 52	1,984,261	380,150	132	11	11	133	27	213	2	46	6	102	106	7
December...	5	14	254	58	7	7	345	77,379 56	282,059 18	1,240,507	902,933	166	7	15	128	29	225	7	68	1	97	123	12
Totals ..	128	199	3,071	761	155	119	4,433	\$761,928 25	*1,410,534 53	\$23,322,880	\$9,649,164	2,018	121	152	1,809	333	2,732	69	1,060	31	1,231	1,438	107

* Does not include \$49,804 loss on vessels and contents, with insurance of \$359,245.

CAUSES OF FIRES AND ALARMS FROM JANUARY 1, 1911, TO JANUARY 1, 1912.

Alarms, accidental, false automatic.....	119	Meat, wood, on stove, in oven.....	29
Alarms, false, needless, bell and still.....	186	Naphtha, gasoline, benzine, chemicals, careless use of, and explosion.....	32
Alarms out of city.....	31	Oil stove, careless use of, and explosion.....	39
Ashes, in wooden receptacle, Automobiles.....	64	Overheated furnace, stove, boiler and steam pipes....	86
Boiling over of fat, tar, etc..	27	Plastering, drying.....	15
Bonfires, brush, rubbish, grass.....	739	Plumber's, roofer's, painter's stove or torch.....	13
Careless use lamp, candle, lantern.....	65	Rescues, elevators, miscellaneous.....	11
Careless use pipe, cigar, cigarette.....	142	Rekindling of ruins.....	2
Chimneys, soot burning.....	218	Set by boys.....	134
Clothes near stove.....	30	Slacking of lime.....	6
Defective chimney, stove-pipe, boiler, furnace, fire-place.....	67	Smoky chimney, furnace, lamp, stove.....	168
Defective gas pipe, stove, heater.....	36	Sparks from another fire....	8
Electric wires, motors.....	75	Sparks from chimney, furnace, stove, forge, boiler, grate.....	119
Fireworks and firecrackers..	29	Sparks from locomotive, engine.....	118
Friction, shafting, journals..	18	Spontaneous combustion....	45
Gas escaping and explosion..	12	Unknown.....	947
Gas jet, stove, setting fire...	71	Water, gas pipe, thawing out.....	16
Grease in ventilator, oven...	40	Water back, bursting of....	3
Kerosene, lighting fire.....	6		
Lightning.....	2		
Incendiary and supposed...	41		
Lamp upsetting, explosion...	90		
Light, smoke, steam, mistaken for fire.....	46		
Matches, careless use of by children and set by rats..	443		
			<u>4,433</u>

1911.	FIRE EXTINGUISHED BY							
	Extinguishers.	Buckets of Water.	Chemical Engines.	Hydrant Stream.	Steamer.	Miscellaneous.	Citizens.	Sprinklers.
January.....	87	38	71	20	36	56	22	1
February.....	83	28	62	11	40	17	29	1
March.....	87	31	74	28	48	60	29	2
April.....	110	46	71	61	49	102	37	1
May.....	115	48	64	57	55	44	44	1
June.....	83	36	64	32	37	22	36	.....
July.....	107	62	78	99	39	35	65	.....
August.....	59	26	47	19	30	8	29	1
September.....	42	29	40	10	18	15	18	.....
October.....	57	31	34	16	18	19	28	.....
November.....	72	29	50	15	23	35	33	2
December.....	78	25	58	16	21	46	49	.....
Totals.....	980	429	713	384	414	459	419	9

FIRES WHERE LOSS EXCEEDED \$15,000.

DATE.	Location and Owner.	Loss.
1911.		
Jan. 11.....	21-39 Portland street, Aldrich, Chisbee & Co.....	\$31,897 00
Jan. 21.....	Clayton street, Sturtevant Mill Company.....	20,142 05
Feb. 8.....	7-8 North Market street, A. J. Bartlett <i>et al.</i>	37,270 96
Feb. 12.....	213-225 High street, C. L. Ireson <i>et al.</i>	64,217 57
April 6.....	62-64 Stanhope street, White-Smith Publishing Co. <i>et al.</i> ...	68,238 24
April 12.....	8-12 Somerset street, Boston Lodge of Elks <i>et al.</i>	23,207 34
April 18.....	67-69 Commercial street, Boston Wholesale Grocery Company <i>et al.</i>	48,160 65
April 25.....	105 Friend street, Miller & Goldberg <i>et al.</i>	30,690 52
April 28.....	415-429 Atlantic avenue, Fort Hill Storage Warehouse Company <i>et al.</i>	25,529 17
May 5.....	Battery Wharf Lighter No. 6, Foreign Land Cotton Company <i>et al.</i>	18,910 00
June 11.....	1-7 Washington street, Collins Hardware Company <i>et al.</i>	20,915 60
June 18.....	212 Border street, steamer "Governor Andrew" <i>et al.</i> ...	27,003 74

FIRES WHERE LOSS EXCEEDED \$15,000.— *Concluded.*

DATE.	Location and Owner.	Loss.
1911.		
June 23.....	781-789 Washington street, Polar Waist Company <i>et al.</i>	\$19,837 19
July 8.....	147-149 Hemenway street, Rose Bloomfield <i>et al.</i>	36,527 00
July 12.....	255 Normandy street, W. H. Newcomb <i>et al.</i>	19,901 96
July 12.....	541-547 Atlantic avenue, August Thiel Company <i>et al.</i> ..	62,328 41
July 20.....	52-58 Kemble street, Roxbury Shoe Thread Company <i>et al.</i>	20,295 46
Aug. 1.....	39-47 Dunstable street, C. L. York <i>et al.</i>	19,894 66
Aug. 3.....	210 Freeport street, Pope Lumber Company <i>et al.</i>	27,656 20
Sept. 4.....	134 Richmond street, John Holman & Co. <i>et al.</i>	18,277 40
Sept. 9.....	179 Clarendon street, K. A. Skinner <i>et al.</i>	38,166 83
Sept. 13.....	2-28 Dorchester avenue, F. C. Warren Company <i>et al.</i> ...	118,900 45
Sept. 17.....	60-68 Chauncy street, Colonial Manufacturing Company <i>et al.</i>	58,591 84
Sept. 21.....	285-305 Medford street, Holt & Bugbee <i>et al.</i>	60,705 77
Nov. 15.....	16 Portland street, M. C. Rosenfield <i>et al.</i>	30,454 72
Dec. 24.....	660 Summer street, Boston Molasses Company <i>et al.</i>	267,444 58

Population (census, 1910)	670,585
Area, square miles	37.04
Number of brick and stone buildings	27,699
Number of wooden buildings	63,718
Fires in brick and stone buildings	1,442
Fires in wooden buildings	1,290
Fires in buildings adjoining and extending beyond origin	69
Not in building, false and needless	1,632
Total alarms	<u>4,433</u>

FIRE LOSS FOR YEAR ENDING DECEMBER 31, 1911.

Buildings	\$771,928
Contents	1,410,535
Marine	49,804
Total	<u>\$2,232,267</u>

YEARLY LOSS FOR THE PAST FIFTEEN YEARS.

Year ending February 1, 1897	\$1,394,707
“ “ 1, 1898	775,525
“ “ 1, 1899	1,441,261
“ “ 1, 1900	1,630,149
“ “ 1, 1901	1,702,217
“ “ 1, 1902	1,830,719
“ “ 1, 1903	1,762,619
“ “ 1, 1904	1,674,333
“ “ 1, 1905	2,473,980
“ “ 1, 1906	2,130,146
“ “ 1, 1907	1,130,334
“ “ 1, 1908	2,268,074
“ “ 1, 1909	3,610,000
“ “ 1, 1910	1,680,245
“ “ 1, 1911(11 months)	3,159,989
“ January 1, 1912	2,232,267

NOTE.— January loss, 1911, amounting to \$165,001, deducted from previous year and included in calendar year January 1, 1911, to January 1, 1912.

ALARMS FOR THE PAST TEN YEARS.

YEAR.	Bell.	Still and Automatic.	Totals.
1911.....	2,291	2,142	4,433
1910 (11 months)*.....	1,864	1,801	3,665
1909.....	2,101	1,677	3,778
1908.....	2,210	1,700	3,910
1907.....	2,441	1,600	4,041
1906.....	1,687	1,262	2,949
1905.....	1,905	1,210	3,115
1904.....	1,580	1,159	2,739
1903.....	1,633	1,121	2,754
1902.....	1,566	1,099	2,665
1901.....	1,349	977	2,326

* 202 bell and 196 still alarms deducted from year 1910–11, and included in calendar year January 1, 1911, to January 1, 1912.

BOX ALARMS BY DISTRICTS.

FEBRUARY 1, 1910, TO JANUARY 1, 1911.

DISTRICT.	DISTRICT CHIEF.	ALARMS, 1910. 11 MONTHS.						ALARMS, 1911.							
		First.	Second.	Third.	Fourth.	Fifth.	Sixth.	Totals.	First.	Second.	Third.	Fourth.	Fifth.	Sixth.	Totals.
1. East Boston.....	Godbold.....	150	2	.....	.....	.....	.....	168	198	3	1	1	.....	.....	203
2. Charlestown.....	Pope.....	146	6	4	.....	.....	.....	167	128	3	2	.....	.....	.....	133
3. North End and City Proper.....	Taber.....	51	8	4	2	1	.....	71	58	1	1	.....	.....	.....	60
4. West End and City Proper.....	Fox.....	302	6	2	2	.....	.....	353	363	4	2	1	.....	.....	370
5. City Proper and South Boston.....	Sennott.....	93	2	.....	.....	.....	.....	114	96	1	.....	.....	.....	.....	97
6. South Boston.....	Perkins.....	171	6	.....	.....	.....	.....	193	155	3	2	2	.....	.....	162
7. South End and Back Bay.....	Byron.....	228	8	2	1	1	1	261	295	7	2	.....	.....	.....	304
8. Roxbury and Back Bay.....	Ryder.....	184	1	1	.....	.....	.....	212	254	1	1	.....	.....	.....	256
9. Roxbury and Dorchester.....	Kennedy.....	200	2	.....	.....	.....	.....	217	235	2	1	.....	.....	.....	238
10. Dorchester.....	Murphy.....	111	3	1	.....	.....	.....	126	168	4	3	.....	.....	.....	175
1. Brighton.....	Madison.....	59	1	2	1	.....	.....	70	52	1	.....	.....	.....	.....	53
2. West Roxbury.....	Mulligan.....	104	2	1	.....	.....	.....	120	170	2	.....	.....	.....	.....	172
3. Marine District.....	Ritchie.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4. Dorchester.....	Heffernan*.....	126	.....	.....	.....	.....	.....	132	129	1	.....	.....	.....	.....	130
Totals.....	.....	1,925	47	17	6	2	1	2,204	2,301	33	15	4	.....	.....	2,353

* Set off from District 10 September, 1910.

ROLL OF MERIT, BOSTON FIRE
DEPARTMENT.

- Nathan L. Hussey, retired as Second Assistant Chief.
James F. Bailey, Ladderman, Ladder Company 18.
Timothy J. Heffron, Lieutenant, Engine Company 27.
James E. Downey, Hoseman, Engine Company 40.
Frederick F. Leary, Lieutenant, Engine Company
26-35.
Florence Donoghue, Ladderman, Ladder Company 15.
James F. McMahon, Captain, Ladder Company 2.
Martin A. Kenealy, Lieutenant, Aide to Commis-
sioner.
Denis Driscoll, Lieutenant, Engine Company 14.
William H. Magner, Hoseman, Engine Company 32.
Thomas J. Muldoon, Lieutenant, Engine Company 18.
Joseph P. Hanton, Ladderman, Ladder Company 17.
Michael J. Teehan, Lieutenant, Engine Company 7.
Charles W. Conway, Captain, Engine Company 37.
Michael J. Dacey, Lieutenant, Ladder Company 20.
Patrick E. Keyes, retired as District Chief.
Thomas H. Downey, Lieutenant, Engine Company 4.

FIRE ALARM BRANCH.

FROM THE SUPERINTENDENT OF FIRE ALARMS, February 1, 1912.
TO THE CHIEF OF DEPARTMENT:

I submit herewith the report of this branch for the year February 1, 1911, to February 1, 1912:

OPERATING DIVISION.

Alarms received and transmitted:

Bell alarms (first) received and transmitted . . .	2,339
Bell alarms (second) received and transmitted . . .	37
Bell alarms (third) received and transmitted . . .	18
Bell alarms (fourth) received and transmitted . . .	5

Alarms received but not transmitted:

Alarms received from same box two or more times for same fire	173
Alarms received from adjacent boxes for same fire . . .	184
Alarms received for grass fires, treated as still alarms,	13

Box Records.

Boxes from which no alarm was received	263
Boxes from which two or more alarms were received . . .	8

Still Alarms.

Alarms received from citizens by telephone	666
Alarms received from Police Department by telephone,	159
Alarms reported by companies to which they responded,	1,131
Box alarms received for same fires	125
Alarms received from Boston Automatic Alarm Com- pany	144
Box alarms received for same fires	18
Alarms received from A. D. T. Company	25
Box alarms received for same fires	4

Total Alarms.

Bell alarms	2,399
Still alarms and automatics (eliminating those from which box alarms were received)	2,125
Grand total	<u>4,524</u>

CONSTRUCTION DIVISION.

New Construction.

The following cables were laid underground to replace overhead construction:

	Feet.
Dorchester avenue and Park street to Peabody square, 20-conductor cable	4,763
Dorchester avenue, Codman street to Pierce square, 20-conductor cable	3,042
River street, Pierce square to Engine 16, 20-conductor cable	1,394
River street, Engine 16 to Central avenue, 19-conductor cable	640
Welles avenue, Dorchester avenue to Ocean street, 6 and 10 conductor cable	1,265
Salem, Charter, Foster and Commercial streets to Engine 31, 20-conductor cable	1,655
Huntington avenue, Rogers avenue to Ruggles street, 6-conductor cable	1,000
Boylston and Hemenway streets, Massachusetts avenue to Gainsborough street, 6-conductor cable	2,274
Brighton avenue, Harvard avenue to Union square, 10-conductor cable	1,700
Harvard avenue, Brighton avenue to Cambridge street, 20-conductor cable	1,280
Cambridge street, Harvard avenue to Union square, 10-conductor cable	1,606
Cambridge street, Union square to Washington street, 20-conductor cable	4,335
Washington street, Cambridge street to Market street, 20-conductor cable	1,148

Cable laid for extension of service to Engine 48,
Hyde Park:

	Feet.
River street at Mattapan square, 10-conductor cable	420
River street, Central avenue, Webster street and Win- throp street from Huntington avenue to Engine 48	3,363
Cables laid in Chelsea from police station to Engine 1, 4-conductor	1,716

New Fire Alarm Posts.

	Feet.
Dorchester avenue and Centre street, 1-duct	26
Dorchester and Welles avenues, 1-duct	27
Dorchester avenue and Codman street, 1-duct	29
Pierce square, 1-duct	53

	Feet.
Welles avenue and Ocean street, 1-duct	41
Huntington and Rogers avenues, 1-duct	56
Hemenway street, opposite Gainsborough street, 1-duct,	45
Washington and Guild streets, 1-duct	10
South street, opposite Ainsworth street, 1-duct	87
Cambridge street and Harvard avenue, 1-duct	71
Cambridge and North Beacon streets, 1-duct	8
Cambridge and Sparhawk streets, 1-duct	18
Washington and Market streets, 1-duct	30
One post was furnished by this department and set by the Schoolhouse Department, Massachusetts avenue and Washington street, 1-duct	97

New Test Posts.

	Feet.
Bedford and Chauncy streets, 4-duct	34
Tremont street, opposite Compton street, 4-duct	14

Pole Connections.

	Feet.
Dorchester and Centre avenues, 2-duct	73
Dorchester avenue and Richmond street, 1-duct	35
Dorchester avenue and Washington street, 3-duct	8
Home for Incurables, 1-duct	51
Convalescents' Home, 1-duct	20
Brighton avenue and Allston street, 1-duct	84
Cambridge and North Beacon streets, 3-duct	20
Cambridge and Warren streets, 1-duct	83
Cambridge and Murdock streets, 1-duct	52
Cambridge and Washington streets, 1-duct	20
Academy Hill road and Washington street, 1-duct	71
Central avenue and River street, 1-duct	74
Mattapan square (2), 1-duct	371
Huntington avenue and River street, 1-duct	41

Lamp-posts Knocked Down and New Posts Reset.

Kneeland and South streets.
 Shawmut avenue and Waltham street.
 Dorchester avenue, near drawbridge.
 Chelsea street, opposite Prospect street.
 Massachusetts avenue and Beacon street.

Conduit Installed.

To connect Engine 8 with conduit system, 1-duct, 24 feet.
 To connect Engine 31 with conduit system, 1-duct, 657 feet.
 To connect Engine 48 with conduit system, 1-duct, 252 feet.

Manholes Built.

Mattapan square.

Winthrop street (front of Engine 48).

North End Park.

Yard of Paving Division (rear of Engine 31).

Aerial Cable Strung on Poles.

River street, Central avenue to Mattapan square, 10-conductor.

River street, Mattapan square to Huntington avenue, 10-conductor, 14,266 feet.

Overhead wire has been taken down where underground work has been done, except in the Brighton district.

HYDE PARK.

In Hyde Park there is an automatic alarm system, consisting of sixty-one boxes, one whistle and three bells, with central office equipment in quarters of Engine 48 (formerly fire headquarters). In the central office is an 8-circuit repeater, charging and terminal boards and storage batteries. This system is still in operation, and alarms are transmitted to the Boston office where they are recorded on a register. Upon receipt of alarms from Hyde Park they are sent out on the Boston system in the regular way. Tapper, gong and telephones connected with the Boston system were installed in quarters of Engine 48.

NEW FIRE ALARM BOXES ESTABLISHED.

240, Washington and Guild streets.

327, Columbia road and Glendale street.

340, Bowdoin avenue and Bullard street.

346, Talbot avenue, opposite Aspinwall road.

347, Willowood street, opposite Ballou avenue.

367, Norfolk and Clarkwood streets.

511, Boylston and Egleston streets.

560, South street, opposite Ainsworth street.

571, Belgrade avenue and Rexhame street.

649, Chelsea and Putnam streets.

850, Chestnut Hill avenue and Wallingford road.

859, Commonwealth avenue and Warren street.

868, Corey and Wellington roads.

PRIVATE BOXES ESTABLISHED.

433, Mystic Wharf, near yard master's office.

* AUXILIARY BOXES ESTABLISHED.

783, New York, New Haven & Hartford Railroad shops, Rogers avenue.

986, Hallet & Davis piano factory, off Marsh street.

NEW SCHOOLHOUSE BOXES ESTABLISHED.

2143, Abraham Lincoln School, Ferdinand street, inside building.

2189, J. L. Motley School, Savin Hill avenue, inside building.

2246, Lafayette School, Ruggles street, outside building.

2255, Bulfinch School, Parker street, near Fisher avenue, on pole.

2311, John Winthrop School, Brookford and Dacia streets, outside building.

2421, J. A. McDonald School, Polk street, on pole.

2422, Frothingham School, Prospect and Edgeworth streets, outside building.

2429, Benjamin F. Tweed School, Cambridge street, inside building.

2522, Wyman School, Wyman street, outside building.

2819, William Wirt Warren School, Waverly street, outside building.

The following schoolhouse boxes were moved from the inside of buildings to outside in order that they may be more accessible to the public:

2123, Phillips School, Phillips and Anderson streets, on building.

2151, Lawrence School, West Third and B streets, on building.

2163, Capen School, East Sixth and I streets, on pole.

2185, Stephen Decatur School, Sumner street, opposite Willis street, on pole.

2215, Smith Street School, Phillips and Smith streets, on pole.

2217, Comins School, Tremont street, near Parker street, on pole.

2223, William Eustis School, George and Hampden streets, on pole.

2314, Hawthorne School, Howard avenue and Hawthorne street, on pole.

2319, O. W. Holmes School, Harvard and School streets, on pole.

2324, Marshall School, Westville street and Dakota road, on pole.

2513, Hillside School, Elm and Everett streets, on pole.

2514, Agassiz School, Centre and Burroughs street, on pole.

2517, West Roxbury High School, Greenough avenue and Elm street, on pole.

2521, Mt. Vernon School, Mt. Vernon street, near Centre street, on building.

Street Boxes Auxiliarized to Take the Place of Schoolhouse Boxes Removed. (These Boxes are Owned by the Fire Department.)

32, Pinckney and Anderson streets, Sharp School.

122, Dorchester and Vinton streets, J. B. O'Reilly School.

134, D and Gold streets, Norcross School.

147, G street, opposite Sixth street, South Boston High School.

237, Dudley and Putnam streets, Dudley School.

247, Huntington avenue and Fenwood road, Farragut School.

353, Norfolk and Fremont streets, Lyon and Tileston Schools.

615, Sumner and Lamson streets, Commodore Barry School.

633, Paris and Gove streets, Cudworth School.

996, Norfolk and Morton streets, Roger Wolcott School.

Schoolhouse Boxes Cut Out of Service.

2122, Sharp School.

2162, J. B. O'Reilly School.

2168, Norcross School.

2171, South Boston High School.

2219, Dudley School.

2235, Farragut School.

2318, Roger Wolcott School.

- * 2321, Henry L. Pierce School.
- * 2326, Gibson School.
- * 2327, Elbridge Smith School.
- 2328, Tileston School.
- * 2338, Gilbert Stuart School.
- 2613, John Barry School.
- 2614, Cudworth School.
- * 2815, Washington Allston School.

LOCATIONS OF THE FOLLOWING BOXES WERE CHANGED.

353, from Engine House 19 to Norfolk and Fremont streets.

365, from Canterbury street to Harvard, near Austin street.

429, from Mystic Wharf to Medford, opposite Decatur street.

523, from Engine House 28 to Pond and Centre streets.

562, from Engine House 30 to Park and Centre streets.

854, from Engine House 29 to Washington street and Chestnut Hill avenue.

BOX TESTS.

Each box was tested on an average of ten times during the year.

Keyless doors are tested twice a week.

APPARATUS IN DEPARTMENT HOUSES.

The following houses were equipped with new fire alarm apparatus:

Engine 31. New fireboat quarters.

Engine 48. Formerly Hyde Park Headquarters.

New repair shop.

Extensive repairs and alterations were made in the lighting systems in many of the department houses.

IMPROVEMENTS IN FIRE ALARM OFFICE.

New wires are being installed to replace the old, which were unsafe. The receiving apparatus has been rearranged in order to avoid confusion by installing an additional relay which flashes a light on each circuit,

* Boxes cut out of service because Schoolhouse Department was not ready with underground connections.

and the local circuits have been changed. The tapper transmitter was taken apart and cleaned. Storage batteries were installed to replace dynamos on local circuits. A register which records alarms from Hyde Park was installed. A new lighting arrangement was made in the office. Most of the dynamotors have been overhauled and put in proper condition.

TELEPHONES.

A new contract was made with the New England Telephone and Telegraph Company, whereby the system is now maintained by the company, excepting the care of outside circuits. Efficient service has been given, and the results have been satisfactory considering the kind of system.

FOLLOWING IS A SUMMARY OF WORK DONE.

	Feet.
New wire used	47,060
Old wire taken down	71,300
Overhead cable construction	22,778
Overhead cable removed	1,000
Conductors in cable construction	177,567
Conductors in cable removed	2,000
Underground cable used in ducts owned by New England Telephone and Telegraph Company (new construction)	32,639
Underground cable used in fire alarm ducts, service connections, etc. (new construction)	2,754
Total underground cable used	36,400
Conductors in same	513,589
Cable used for repairs	1,007
Conductors in same	7,626
Conduits built by this department	2,481
Ducts laid by this department	2,755
4 manholes built.	
355 cross-arms used.	

BOXES.

Total number	817
Owned by Fire Department	581
Owned by Schoolhouse Department	120
Owned by Auxiliary Company	57
Owned by private parties	59
Department boxes:	
On lamp posts	194
On poles	356
On buildings with lights	26

On buildings without lights	2
In buildings	3
With keyless doors	521
With key doors	60
With auxiliary attachment	12

SCHOOLHOUSE BOXES.

Inside buildings	61
Outside accessible to public	36
Outside accessible to public at times	23
With lights	1
Keyless doors	58
Key doors	62

AUXILIARY COMPANY BOXES.

Inside buildings	34
Outside buildings	23
On building with light	1
With keyless doors	7
With key doors	50

PRIVATE BOXES.

Inside buildings	34
Outside buildings	25
With keyless doors	8
With key doors	51

CIRCUITS.

Number of box circuits	44
Number of tapper circuits	10
Number of gong circuits	13
Special Hyde Park circuit	1
High pressure signaling circuit	1
Number of telephone circuits	38
Number of circuits to Tremont Exchange	7
Number of circuits to Oxford Exchange	1
Special circuit to police headquarters	1

WIRE, ETC.

	Feet.
Overhead wire in service	1,698,650
Overhead cable in service	71,229
Conductors in overhead cable	520,444
Underground cable in service	403,590
Conductors in underground cable	8,443,297
Conduit owned by Fire Department	35,249
Ducts in conduit	44,093
New England Telephone and Telegraph Company's ducts used by Fire Department	296,679

APPARATUS.

Number of tappers in service	119
Number of gongs in service	125
Number of telephones in service	128
Number of registers in service	5
Number of relays in service	2

TOWER BELLS.

The following bells were sold:	Pounds.
Engine House No. 17, composition	4,000
Engine House No. 18, composition	3,184
Engine House No. 28, composition	4,000

BELLS CONNECTED IN SERVICE.

	Pounds.
Faneuil Hall (steel)	5,816
Arlington Street Church, Hyde Park.	
M. E. Church, Central avenue, Hyde Park.	
Old Hose House, Hyde Park avenue, Hyde Park.	

BELLS OWNED BY FIRE DEPARTMENT, BUT NOT IN SERVICE.

	Pounds.
City Hall (Charlestown), composition	3,600
Engine 1, Dorchester street, South Boston, composition	2,911
Engine 16, Temple street, Dorchester, composition	4,149
Engine 19, Mattapan, composition	2,927
Engine 20, Walnut street, Dorchester, composition	3,061
Engine 21, Columbia road, Dorchester, composition	3,026
Engine 29, Brighton, composition	1,535
Engine 30, West Roxbury (old house), steel	1,000
Engine 34, Brighton, composition	1,501
Engine 41, Allston, composition	800
Engine 45, Roslindale, composition	1,059
Ladder 4, Dudley street, Roxbury, composition	3,509
Saratoga Street Church, East Boston, steel	1,968
Trinity Church, Trenton street, East Boston, composition	1,760

BELLS OWNED BY SCHOOLHOUSE DEPARTMENT.

	Pounds.
Berkeley Temple, formerly on Quincy schoolhouse, composition	2,941
Van Nostrand's Brewery, Charlestown, formerly used on old Franklin Schoolhouse, composition	818
Whistle in service:	
Hyde Park Electric Light Station.	

CARE OF CLOCKS.

Much time has been devoted to the care of clocks, both department and public, and extensive repairs have been made. Following is a list of public clocks cared for by this department:

City Proper.

Charles Street Church.
Christ Church, Salem street, owned by city.
Commercial Wharf.
Odd Fellows' Hall, Tremont street, owned by city.
Old South Church, owned by city.
Old State House, owned by city.
Suffolk County Jail, owned by city.
St. Stephen's Church, Clark street, owned by city.
Shawmut Avenue Church.
Tremont M. E. Church, owned by city.
Young Men's Christian Union, owned by city.

South Boston.

Gaston Schoolhouse, owned by city.
Lincoln Schoolhouse, owned by city.
Phillips Church, owned by city.
St. Augustine Church, Dorchester street, owned by city.

East Boston.

London Street Church, owned by city.
Lyceum Hall, owned by city.
Trinity Church, owned by city.
Orient Heights Church, owned by city.

Roxbury.

Winthrop Street Church, owned by city.
Boston Elevated Railway Carhouse, Columbus avenue,
owned by city.

Dorchester.

Baker Memorial (Upham's Corner), owned by city.
Neponset Church.
Unitarian Church of the Unity.
Tileston School (Mattapan), owned by city.
Unitarian Church (Milton Lower Mills).

Charlestown.

St. Francis De Sales Church.

City Hall, owned by city.

West Roxbury.

Dr. Strong's Church (South Evangelical), owned by city.

Unitarian Church, Jamaica Plain, owned by city.

Congregational Church (Roslindale), owned by city.

Brighton.

Bennett Schoolhouse, owned by city.

GEORGE L. FICKETT.

BOSTON FIREMEN'S RELIEF FUND.

From September 1, 1910, to September 1, 1911, inclusive.

The Fire Commissioner, as president of the Boston Firemen's Relief Fund, acknowledges the following contributions; these sums were accompanied by letters expressing appreciation for services rendered by the department:

Mente & Co.	\$100 00
Union Carpet Lining Company	25 00
C. A. Berry	20 00
Dr. C. A. Richards	5 00
	\$150 00

The receipts from the annual department ball and contributions constitute the fund from which sick benefits and doctors' bills are paid. Destitute members of deceased firemen's families are also given assistance from this fund.

FINANCIAL STATEMENT OF THE BOSTON FIREMEN'S
RELIEF FUND SEPTEMBER 1, 1910, TO SEPTEMBER
1, 1911, INCLUSIVE.

Receipts.

Balance September 1, 1910	\$4,971 94	
Net proceeds of ball, February, 1911	14,994 62	
Interest on bonds	8,175 00	
Interest on deposits	128 57	
Donations	150 00	
Check cancelled	4 00	
Part of benefit returned	9 00	
Total receipts	\$28,433 13	

Expenditures.

Benefits paid	\$15,687 40	
Treasurer's bond	43 30	
Carried forward	\$15,730 70	\$28,433 13

<i>Brought forward</i>	\$15,730 70	\$28,433 13
Salaries:		
Secretary and treasurer, \$100 each,	200 00	
Medical examiner	200 00	
Rent of box, International Trust Company	10 00	
Printing, stationery and postage	154 50	
Massachusetts General Hospital, free bed	400 00	
Carney Hospital, free bed	200 00	
Bonds purchased	6,609 25	
		<u>23,504 45</u>
Balance September 1, 1911		<u>\$4,928 68</u>

Assets September 1, 1911.

\$124,000 00	City of Boston 3½ per cent bonds.
94,000 00	City of Boston 4 per cent bonds.
8,000 00	C. B. & Q. R. R. 4 per cent bonds.
4,928 68	cash on deposit.

Total, \$230,928 68



ANNUAL REPORT
OF THE
HEALTH DEPARTMENT
FOR THE YEAR 1911-12.

BOSTON, February 1, 1912.

HON. JOHN F. FITZGERALD,
Mayor of the City of Boston:

SIR,— The Board of Health respectfully presents the fortieth annual report of the department, covering its operations for the financial year ending January 31, 1912, and the mortality statistics for the calendar year ending December 31, 1911.

The general health of the city has continued remarkably good, with the exception of a brief period in July, when there was recorded an especially high mortality because of excessive heat.

The total number of deaths for the year was 11,767. The estimated population in the middle of the year was 688,912. The death rate for the year as calculated on this population per 1,000 inhabitants was 17.08. This rate was lower by .10 than that of the previous year, and lower by 1.21 than the average previous ten years.

CONTAGIOUS DISEASES.

Consumption.

The death rate from tuberculosis continues to diminish steadily. Our highest recorded death rate from this

disease was in 1853, when it amounted to 48.16 in each 10,000 of the population.

The average from 1851 to 1855, inclusive, was	47.36
The average from 1881 to 1885, inclusive, was	40.91
The average from 1886 to 1890, inclusive, was	35.44
The average from 1891 to 1895, inclusive, was	28.94
The average from 1896 to 1900, inclusive, was	24.05
The average from 1901 to 1905, inclusive, was	21.68
The average from 1906 to 1910, inclusive, was	17.57
The death rate for 1911 was	15.49

Diphtheria and Croup.

The average death rate from diphtheria and croup per 10,000 of population from 1901 to 1910, inclusive, was	3.23
The rate for 1908 was	3.17
The rate for 1909 was	2.93
The rate for 1910 was	2.35
The rate for 1911 was	1.80

Scarlet Fever.

The average death rate from scarlet fever per 10,000 of population from 1901 to 1910, inclusive, was	1.27
The rate for 1908 was	1.62
The rate for 1909 was	1.25
The rate for 1910 was	0.88
The rate for 1911 was	1.07

Measles.

The highest death rate per 10,000 of the inhabitants in Boston occurred in 1849, when it was 15.83, and for the period 1846 to 1850, inclusive, the average death rate was 7.29.

From 1881 to 1885, inclusive, the average death rate was	2.01
From 1886 to 1890, inclusive, it was	1.17
From 1891 to 1895, inclusive, it was	0.39
From 1896 to 1900, inclusive, it was	0.72
From 1901 to 1905, inclusive, it was	1.24
From 1906 to 1910, inclusive, it was	1.27
The rate for 1911 was	1.07

Ophthalmia Neonatorum.

YEARS.	Cases Reported.	Treated in Hospital.	Brought from Other Cities.
1905 (from September 5).....	16	3	
1906.....	34	13	1
1907.....	17	7	
1908.....	39	31	2
1909.....	171	115	30
1910.....	168	121	48
1911.....	1,060	244	46

Smallpox.

The highest death rate from this disease in each 10,000 inhabitants in Boston occurred in 1873, when it amounted to 27.77.

From 1871 to 1875, inclusive, the death rate averaged . 7.05
 From 1840 to 1870, inclusive, the death rate averaged . 3.82
 From 1876 to 1905, inclusive, the death rate averaged . 0.24

There were no deaths in 1906, 1907, 1908 or 1910.
 There was one death in 1909 and one in 1911.

Typhoid Fever.

The highest death rate from typhoid fever in Boston in each 10,000 of the population occurred in 1872, when it amounted to 8.62.

The average from 1871 to 1875, inclusive, was . . 7.09
 The average from 1876 to 1880, inclusive, was . . 3.92
 The average from 1881 to 1885, inclusive, was . . 5.19
 The average from 1886 to 1890, inclusive, was . . 3.91
 The average from 1891 to 1895, inclusive, was . . 3.11
 The average from 1896 to 1900, inclusive, was . . 3.06
 The average from 1901 to 1905, inclusive, was . . 2.24
 The average from 1906 to 1910, inclusive, was . . 1.60
 The rate for 1911 was 0.91

DIVISION OF SANITARY INSPECTION.

Although the number of inspectors was increased from seventeen to twenty-two during 1910, this force is still inadequate to meet the demands made upon it. A semi-annual inspection is made of each tenement house in the city. Sanitary inspection is also required

of all bakeries, milk stores, restaurants and public kitchens, yards, areas and passageways, barber shops, stables, horseshoeing establishments and public dumping grounds at more or less frequent intervals throughout the year.

It is the Board's desire to re-district a large portion of the city so that no inspector shall have more territory than he can reasonably cover. But to accomplish this desirable change a considerable increase in the present force of sanitary inspectors will be required.

The Board is led to hope that the present method of disposal of ashes, house dirt and refuse of various kinds on public dumps will be replaced by less offensive and up-to-date methods under the prospective new contract by the Department of Public Works. The Board will welcome the abolition of these causes of complaint and sources of nuisance.

DIVISION OF CHILD HYGIENE.

The work of this division has been greatly broadened in its scope during the past year, and now covers the three periods of child life:

1. Pre-Natal and Post-Natal Work.
2. Medical Inspection of Schools.
3. Physical Examination of Licensed Minors.

A beginning only has been made in the pre-natal and post-natal work. Two nurses have been employed since early in July for the purpose of visiting and advising with prospective mothers among the poorer classes. The nurses' visits are continued after the birth of the child, and the endeavor of the department is to keep a careful watch over these children during the period formerly much neglected,— before they enter the schools, which is the period of greatest mortality.

The school physicians are now required to visit their respective schools daily, and to submit daily reports to the department. In accordance with the statutes a careful physical examination is also being made annually of each pupil.

The statute law requires that every minor under the age of sixteen must receive a certificate from the School Committee before being allowed to go to work. This certificate is granted by the School Committee after a physical examination by this department and after an intelligence test on the part of the School Committee.

QUARANTINE DIVISION.

At quarantine during 1911 it became necessary, on very short notice, to accommodate hundreds of cholera suspects en route from Italy until satisfactory bacteriological examinations could be made to show whether or not they were carriers of that disease. The necessary equipment was speedily obtained and installed and a new dining room erected. For awhile the numbers of immigrants were so large as to necessitate the lodging of a large number in tents, but those taken from later vessels were all housed. An electric lighting apparatus has been installed at the quarantine plant on Gallops Island, the wharf has been resurfaced, and many needed facilities provided.

DIVISION OF VITAL STATISTICS.

The three statistical machines which were installed in July, 1910, have made it possible since that time to handle the mortality statistics in a more complete and more accurate manner. These machines have given complete satisfaction, and it seems desirable to make still further use of them in tabulating the morbidity statistics of the department.

The weekly and monthly statistics issued the past two years have been more extensive and complete than ever before. Many new and valuable tables were published for the first time in the 1910 annual report. It is the desire of the Board to add the tabulation and analysis of morbidity statistics to the work of this division, and also to give an intelligent interpretation of this with its other scientific and practical activities, adding materially to its present monthly bulletin. For this proposed increase additional clerical service will be needed.

BACTERIOLOGICAL LABORATORY.

The Bacteriological Laboratory is doing a large and constantly increasing amount of work in the rapid and accurate diagnosis of those infections whose causes have been demonstrated. During the past year there have been 31,736 diagnostic examinations, or an average of eighty-seven per day for every day of the year as compared with eighty-one examinations daily for the highest previous year (1909).

A very conservative estimate of the gain in diagnostic work in the past two years is 25 per cent, for while diphtheria examinations have decreased by about 3,000, the examinations as a whole have increased, and all these other tests are more time consuming than diphtheria. With the exception of extra help when the cholera examinations were in progress and very urgent the force has not been increased.

BUREAU OF INSPECTION OF MILK AND VINEGAR.

Three of the most important matters considered by this Bureau during the last two years were as follows:

(a.) Consideration of the method formerly employed in giving directions for diluting condensed milk, whereby purchasers who followed these directions for dilution were being defrauded. This work resulted in the passage of a law by which labels on condensed milk now bear a formula for dilution so that the final product must conform to the Massachusetts standard for milk solids and fat.

(b.) Consideration of the sale of shop milk in dip tanks. This resulted in the adoption of a regulation by the Board prohibiting the sale of milk in this manner. In the court actions which resulted from non-conformity with this regulation, the Supreme Court decided that the regulation was not wholly warranted by the statute law. The efforts thus put forth resulted, however, in educating many consumers to the disadvantages from the sale of loose milk, and at the present time over 50 per cent of the shop milk is being sold in bottles, even though there is no law compelling its sale in this manner. Legislation is being sought which will require that all shop milk be sold in bottles.

(c.) Prosecution of milk dealers for the sale of dirty milk upon the allegation that dirt was a foreign substance. The Supreme Court upheld the attitude of the Bureau with the result that cleaner milk is being sold in this city.

DAIRY INSPECTION.

All dairies supplying milk to Boston, about 7,000 in number, have been inspected three times in the last year. Whereas on the first inspection 45 per cent were found unsatisfactory, at the present time there are only 5 per cent. The United States score card is used in the inspection work, and milk from low-class dairies

refusing to respond to reasonable demands for improvement is cut off from Boston. Arrangements have recently been perfected with neighboring cities for mutual information on these matters, so that milk excluded from one may be excluded from all.

PUBLIC CONVENIENCE STATIONS.

These were returned to the custody of the Board of Health from the Bath Department, February 1, 1909. During 1910 and 1911 six of the stations have been replaced with new or largely repaired and remodelled. Plans for five large underground and above ground stations for both men and women are now being considered by the Board of Health, and it is hoped that these may be erected within the next few months, in the following locations agreed upon after careful consideration as to availability and public need:

Corner of Dover and Washington streets, city.

Upham's Corner, Dorchester.

Dorchester street and Broadway, South Boston.

Roxbury Crossing.

In or near Dock square.

Two more large stations, one in City square, Charlestown; and one on Boston Common, are to be constructed under the supervision of the Superintendent of Public Grounds and the Board of Health.

PREMISES VACATED.

It became necessary during the year to vacate the following premises on account of overcrowding, filthy conditions, want of light, ventilation or repairs.

11 Hanover avenue, front room.

279 North street, second floor, rear.

84 Prince street, third floor, suite 7, front and inside room; fourth floor, suite 11, front and inside room; fifth floor, suite 15, front room.

349 Hanover street, fifth floor front.

440 and 442 Hanover street, top floor, two attics each floor.

145 Endicott street, second floor front, room on left off kitchen; second floor rear, kitchen and inside room; third floor front, room on left off kitchen and inside room; fourth floor rear, inside room.

305 North street, third floor, two rooms off kitchen; fourth floor, two rooms off kitchen.

430 Hanover street, first floor left, room on left off kitchen; second floor right, room on left off kitchen; second floor left, room on left off kitchen.

13 Wiget street, first floor, kitchen; second floor, kitchen and front room; fourth floor, kitchen and front room and rear side room.

40 Fleet street; 1 Gilson court; 160 Ward street; 300 North street; 1-3 Russell court; 1-4 Russell place; 1808 Washington street; 53 Oakland street; 7-11 Hunneman street; 7 Rawson court; 3 Chestnut place; 163 D street, South Boston; Itasca street, second left west from Almont street; 132-134 Merrimac street, front; 8 Rawson court; 128-130 Merrimac street, rear; 10 Ingleside street; 60 Middlesex street, first floor.

In addition to the above, twelve buildings and sheds were demolished by order of the Board.

LICENSES.

Acting under authority of chapter 443 of the Acts of 1911, which makes it compulsory on persons practicing or advertising to practice massage, manicuring, or the giving of vapor baths, to obtain license from the Board of Health, this Board has since this law went into effect issued 707 such licenses.

The Board has required that each licensee furnish two written references from responsible persons as to character and ability to do the particular work for which icense is sought. Latterly it has, in addition, required that applicants take oath that the names under which licensees are sought are their own.

A charge of \$1 has been made for each license issued, and all licenses expire annually on the first of June.

In order to give the Police Department the right to enter and inspect, as appears to be the intent of the law, the Board of Health has licensed all who were recommended, and a list of the licensees has been transmitted to the Police Department.

HEARINGS.

During the year twenty-six hearings were held on applications for occupancy of stables; twenty-two stable permits were given and four refused. Four temporary permits were granted and one revoked.

Ten persons applied for permits to keep and kill live poultry and seven hearings were granted, but all the petitions were refused.

Hearings were had on complaints relating to Tenean creek, Dorchester; McNary's Park, South Boston; Spectacle Island, and the Regulations of the Board concerning food stuffs.

Conferences were had concerning the protection of food stuffs from dust, etc., with representatives of the Fruit and Produce Exchange; concerning the scarcity

of ice and milk with representatives of the Boston Ice Company, the New York, New Haven & Hartford Railroad, and the milk contractors; and concerning glanders with representatives of the Team Owners' Association.

APPOINTMENTS.

Dr. Samuel H. Durgin was reappointed Health Commissioner for three years ending May 1, 1914.

The Board organized on the first Monday in May by the choice of Dr. Samuel H. Durgin as chairman, and Charles E. Davis, Jr., as secretary.

Dr. Patrick H. Muldowney was appointed Health Commissioner, to complete the term of Frederic O. North, deceased, on May 24.

On the 20th of May Dr. Francis H. Slack was appointed secretary in place of Charles E. Davis, Jr., who was retired as a veteran of the Civil War after a service of thirty-nine years.

On the 17th of June Dr. Paul Carson was transferred from his position as port physician and made chief of the Division of Child Hygiene, from which he resigned August 12.

Dr. William M. Gay was promoted from assistant port physician to port physician March 29, and resigned from the latter position September 1.

Dr. W. J. Gallivan was appointed chief of the Division of Child Hygiene September 8.

Dr. F. X. Crawford was promoted to the position of port physician September 1.

FINANCIAL STATEMENT.

EXPENDED TO JANUARY 31, 1912.

Board of Health:		
Chairman	\$4,500 00	
Two commissioners	8,000 00	
		<u>\$12,500 00</u>
Clerk hire.		18,401 72
Messenger service, salary of messenger and extra service		392 66
Sanitary inspectors, including one inspector of gas fixtures and five police officers		37,274 92
Medical inspectors, including two veterinarians		14,029 74
Constables		2,773 94
Inspection of provisions and of animals intended for slaughter		2,881 45
Disinfection:		
Labor	\$8,863 67	
Expense of horses and vehicles	337 71	
Materials and other expenses	2,554 65	
		<u>11,756 03</u>
Smallpox Hospital:		
Labor	\$1,260 96	
Subsistence	659 86	
Fuel and light	424 09	
Repairs	474 06	
Furnishings and other expenses	511 24	
		<u>3,330 21</u>
Bureau of Child Hygiene:		
Salaries	\$36,990 72	
Other expenses, car fares, supplies, etc.	345 50	
		<u>37,336 22</u>
Care of contagious diseases		273 06
Laboratory:		
Salaries	\$10,933 54	
Materials	2,543 89	
Culture stations	1,446 25	
Other expenses	1,240 61	
Repairs	70 51	
		<u>16,234 80</u>
Supplies for sanitary inspectors		1,173 36
Carried forward		<u>\$158,358 11</u>

<i>Brought forward</i>		\$158,358 11
Morgue: *		
Salaries	\$929 55	
Alterations and repairs	234 83	
Supplies	321 83	
Fuel	149 50	
Light and power	339 37	
		1,975 08
Postage		\$3,133 42
Telephones		2,598 93
Traveling expenses — officers		2,289 29
Office expenses		1,361 01
Horses and vehicles:		
Board	\$348 00	
Shoeing	21 50	
		369 50
Stationery		673 16
Printing		9,297 02
Advertising		77 25
Examination of gas fitters		73 30
Inspection of milk and vinegar:		
Salaries	\$9,633 20	
Horse and vehicle	469 50	
Supplies	652 03	
Other expenses, samples, car fares, etc.	1,156 90	
		11,911 63
Inspection of provisions:		
Paid for salaries		4,494 00
Superintendent of peddlers and assistant		2,492 88
Removal of buildings		1,016 75
Paid towns and cities for care of patients sick with contagious diseases having a settlement in Boston		6,041 51
Vaccination, material		8 53
Sundry expenses		184 69
Automobiles		3,337 14
Visiting nurses		6,473 17
Dairy inspection		14,761 34

QUARANTINE.

Port physician and assistant, salaries	2,622 21
Disinfection	77 50
Medicine	91 72
Contingencies	226 22

Carried forward \$233,945 36

<i>Brought forward</i>		\$233,945 36
Gallop's Island:		
Labor	\$3,315 05	
Subsistence	4,290 68	
Repairs and construction	13,230 26	
Supplies	7,511 83	
		28,347 82
Steamer "Vigilant":		
Salaries	\$7,821 12	
Subsistence	1,298 10	
Repairs	2,674 28	
Supplies	564 69	
Fuel	1,764 83	
		14,123 02
Steamer "Relief," repairs		285 60
Public convenience stations:		
Salaries	\$13,118 50	
Lighting	284 63	
Fuel	198 87	
Toilet paper	441 35	
General supplies	612 99	
Repairs	4,683 80	
		19,340 14
Pensions		1,253 75
		<u>\$297,295 69</u>

INCOME.

Quarantine:		
Fees	\$3,645 00	
Disinfecting	1,406 00	
Medical treatment	6,215 75	
		\$11,266 75
Inspection of milk and vinegar (licenses)		2,438 55
Licenses, manicure, etc.		801 00
Sale of horse and wagon, etc.		48 30
Convenience stations (use of towels and soap)		190 99
Contagious cases		4 00
Interest on money deposited for expenses of dairy inspectors		7 76
		<u>\$14,757 35</u>

REPORT OF THE CHIEF MEDICAL INSPECTOR.

To the Board of Health:

I have the honor to submit the following report for the year ending December 31, 1911:

INFECTIOUS DISEASES.

Variola.— There were no cases and no deaths during the year.

Diphtheria.— There were two thousand one hundred and eight (2,108) cases reported; of these, one thousand one hundred and seventy-two (1,172) were cared for at the South Department of the Boston City Hospital and the Haynes Memorial Hospital, 55.6 per cent. There were one hundred and twenty-four (124) deaths. Mortality, 5.88 per cent.

Scarlet Fever.— There were one thousand five hundred and twenty-seven (1,527) cases reported; eight hundred and ninety-three (893) of these were cared for at the South Department of the Boston City Hospital and the Haynes Memorial Hospital, 57.8 per cent. There were seventy-four (74) deaths. Mortality, 4.84 per cent.

Measles.— There were four thousand one hundred and fifty (4,150) cases reported and seventy-four (74) deaths. Mortality, 1.54 per cent.

Typhoid Fever.— There were five hundred (500) cases reported; three hundred and twelve were cared for in the different hospitals in the city. There were sixty-three (63) deaths. Mortality, 12.6 per cent.

Tuberculosis.— There were three thousand one hundred and thirty-seven (3,137) cases reported. There were one thousand and sixty-seven (1,067) deaths.

Ophthalmia Neonatorum.— There were one thousand and sixty (1,060) cases reported; of these, two hundred and forty-four (244) cases were cared for in different hospitals of the city. There were three (3) deaths.

Leprosy.— There were three (3) cases reported. No deaths.

Cholera.— There was one case reported and one death.

Actinomycosis.— There were three (3) cases reported and two (2) deaths.

Anthrax.— There was one case reported. No deaths.
Anterior Poliomyelitis.— There were thirty-two (32) cases reported and four (4) deaths.

Trachoma.— There were twenty-five (25) cases reported.

Tetanus.— There were twelve (12) cases reported and nine (9) deaths.

Cerebro-spinal Meningitis.— There were fifty-three (53) cases reported and thirty-three (33) deaths.

During the year two hundred and ninety-four (294) persons died without a physician in attendance and were reported to this office. In all cases a personal investigation was made, and a probable diagnosis made before granting a permit for burial.

Report of Disinfection for Year 1911.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Diphtheria.....	247	164	167	180	124	185	96	91	118	167	173	205	1,917
Scarlet fever.....	121	156	159	114	102	114	72	46	71	102	107	83	1,247
Pulmonary tuberculosis....	248	132	203	211	202	206	158	154	141	173	185	168	2,181
Infected bedding, etc., lots...	9	5	7	2	1	3	2	2	2	3	1	1	38
Infected books, etc., lots....	13	11	14	3	4	2	5	1	7	2	2	2	66
Infected clothing, etc., lots..	4	8	4	1	2	4	2	3	3	4	1	1	37
Infected carriages.....	3	2	1	2	1	2	1	2	1	3	2	1	21
Infected schools.....	2	3	2	1	1	.....	.....	1	.....	.....	.....	.....	10

Respectfully submitted,

THOMAS B. SHEA, M. D.,
Chief Medical Inspector.

REPORT OF THE CHIEF OF THE DIVISION OF CHILD HYGIENE.

To the Board of Health:

GENTLEMEN,—I herewith submit the report of this division for the five months ending January 31, 1912.

This division was created in March, 1910. It is concerned with the physical welfare of every child in Boston from the time of conception up to the age of sixteen years. The work of this division is classified into three subdivisions as follows:

1. Pre-Natal and Post-Natal Work.
2. Medical Inspection of Schools.
3. Physical Examination of Licensed Minors.

PRE-NATAL AND POST-NATAL WORK.

Under this heading, prospective mothers who are unable to obtain a physician's advice are regularly visited by the nurses connected with the Division of Child Hygiene. They are counselled and advised by the nurses in matters of personal hygiene so that they may be in the best physical condition to undergo a successful labor. Particular attention is given to the care of the breasts, so that mothers will be able to nurse their babies. And finally they are assisted in obtaining proper medical attendance from the reputable hospitals in this city which care for obstetric cases. The nurses' visits are continued after the birth of the baby. Every mother is strongly advised to nurse her baby. When breast feeding is impossible, the mother is instructed in the home modification of milk. Particularly is the nurse vigilant about the condition of the eyes of the new-born infant. Upon the slightest appearance of illness, the mother and baby are referred to reputable hospitals and dispensaries and in many cases are accompanied by the nurse. A record of every baby born in Boston, under one year of age, is being prepared by the Division of Child Hygiene. Of this number, the breast-fed babies cause little or no anxiety. The bottle-fed babies are visited at regular intervals by the nurse. Those babies who are under a physician's care are visited only to

make sure that such medical care is continuous, particularly in the summer months. The bottle-fed babies of the poor are cared for by reputable medical charity.

There are two nurses assigned to this work. Their report for the above period is as follows:

SEPTEMBER.

Pre-Natal.

Cases	133	Premature births	2
Visits	191	Deaths, babies	4
Babies born	47		

The following defective conditions were noted:

Miscarriages	2	Threatened eclampsia	3
Œdema	7	Varicose veins	15

Mothers attended as follows:

Hospital attendance	25	Midwife	17
Family physician	5		

Post-Natal.

Cases	15	Bottle-fed babies	6
Visits	17	Both feedings	7
Breast-fed babies	34		

Defective conditions noted as follows:

Cardiac disease	1	Orthopedic defects	3
Cervical glands	1	Otitis media	4
Improper feeding	9	Skin disease	7
Ophthalmia	3		

OCTOBER.

Pre-Natal.

Cases	89	Deaths, babies	2
Visits	208	Deaths, mothers	1
Babies born	53		

The following defective conditions were noted:

Eclampsia, positive	1	Œdema	3
Mastitis	1	Placenta previa	1
Miscarriages	2	Varicose veins	8

Mothers attended as follows:

Hospital attendance	27	Midwife	21
Family physician	5		

Post-Natal.

Cases	10	Bottle-fed babies	8
Visits	115	Both feedings	2
Breast-fed babies	43		

Defective conditions noted as follows:

Ophthalmia	1	Skin disease	1
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NOVEMBER.

Pre-Natal.

Cases	155	Babies born	47
Visits	210	Deaths, babies	4

The following defective conditions were noted:

Eclampsia, threatened	1	Œdema	6
Nephritis	1	Varicose veins	13

Mothers attended as follows:

Hospital attendance	6	Midwife	38
Family physician	3		

Post-Natal.

Cases	51	Bottle-fed babies	9
Visits	163	Both feedings	1
Breast-fed babies	37		

Defective conditions noted as follows:

Cervical abscess	1	Orthopedic defects	4
Improper feeding	10	Skin disease	3
Ophthalmia	1	Umbilical hernia	2

DECEMBER.

Pre-Natal.

Cases	163	Babies born	38
Visits	228	Deaths, babies	1

The following defective conditions were noted:

Eclampsia, threatened	2	Œdema	2
Miscarriages	3	Varicose veins	10

Mothers attended as follows:

Hospital attendance	7	Midwife	23
Family physician	8		

Post-Natal.

Cases	31	Bottle-fed babies	5
Visits	176	Both feedings	1
Breast-fed babies	32		

Defective conditions noted as follows:

Cervical abscess	1	Orthopedic defects	3
Improper feeding	6	Otitis media	2
Ophthalmia	5	Skin disease	4

JANUARY.

Pre-Natal.

Cases	74	Babies born	63
Visits	132		

The following defective conditions were noted:

Eclampsia, threatened	2	Miscarriage, threatened	1
Mastitis	1	Edema	2
Miscarriages	4	Varicose veins	4

Mothers attended as follows:

Hospital attendance	14	Midwife	40
Family physician	9		

Post-Natal.

Cases	22	Bottle-fed babies	6
Visits	136	Both feedings	4
Breast-fed babies	53		

Defective conditions noted as follows:

Cervical abscess	2	Orthopedic defects	2
Improper feeding	2	Skin disease	4
Ophthalmia	2	Umbilical hernia	2

2. MEDICAL INSPECTION OF SCHOOLS.

Medical inspection of schools begins at the kindergarten class and ends with the high schools. Of equal importance are the three objects which medical inspection has in view, as follows:

1. The detection of communicable diseases and the exclusion from school of every pupil so afflicted.

2. The protection of every pupil in the schools from contagion unrecognized by parent or teacher.

3. The detection of such defects which if untreated would result in permanent injury to the pupil.

Here, again, the Board of Health is emphatic in its stand against prescribing for any disease or defect discovered in the progress of the work. Every case requiring medical or dental aid is referred to the family physician or to the family dentist. Those who are unable to employ professional services are referred to reputable hospitals or dental clinics and in many cases are accompanied to these clinics by the nurse.

Under the present system, the school physicians are under the authority of the Board of Health; the school nurses are under the authority of the School Committee. The number of nurses employed is altogether inadequate for the work required. The Board of Health is ready to employ a corps of nurses to assist in school inspection, but up to the present time they have not been willing to duplicate a system maintained by the School Committee. A transfer, then, of the nurses from the School Committee to the Board of Health would

render medical inspection of schools as nearly perfect as human endeavor can accomplish.

The school population at this date is 123,091. This includes attendance in public and parochial schools. For this work there are employed eighty-two physicians who are required to visit every school building on every school morning of the year.

For the period covered by this report, the result of the work of the school physicians is as follows:

CONTAGIOUS DISEASES.

Exclusions from School, September 13, 1911, to February 1, 1912.

	September 13 to October 1.	October.	November.	December.	January.	Total.
Diphtheria.....	2	4	9	14	4	33
Scarlet fever.....	3	3		4	4	14
Measles.....	1	4	1		28	34
German measles.....		1	2	9		12
Chicken-pox.....	6	60	58	30	58	212
Whooping cough.....	9	17	14	9	12	61
Mumps.....	6	8	5	8	9	36
Pulmonary tuberculosis.....	2	6	6	1	3	18
Acute tonsilitis.....	35	131	131	83	119	499
Influenza.....	1	8	5		27	41
Gonorrhea.....			1			1
Syphilis.....	3	2	3			8
Pediculosis.....	675	1,686	1,599	1,297	2,102	7,359
Trachoma.....	1	2		1	2	6
Acute or purulent conjunctivitis.....	25	57	37	41	27	187
Ringworm.....	32	58	48	47	36	221
Scabies.....	32	86	64	38	51	271
Impetigo.....	100	238	141	87	127	693
Favus.....	52	9	2	6	6	75
Molluscum contagiosum.....	1	1		1		3
Erysipelas.....		1	1	1		3
Miscellaneous.....	129	235	213	59	314	950
Number of inspections made.....	14,502	33,941	26,017	13,639	21,254	109,353
Number physical examinations made..	5,969	24,595	22,885	13,691	14,445	81,585
Visits to homes.....	34	58	71	92	190	445

NONCONTAGIOUS DISEASES.
September 13, 1911, to February 1, 1912.

	September 13 to October 1.	October.	November.	December.	January.	Total.
DISEASES OF THE ORAL AND RESPIRATORY TRACT.						
1. Mouth.						
Stomatitis:						
(a) Simple (erythematous).....	1	2	3	1	2	9
(b) Aphthous (herpetic).....	1	12	9	1	3	26
(c) Ulcerative.....			9		2	11
(d) Parasitic (thrush, etc.).....					1	1
Aveolar abscess.....	20	44	28	20	28	140
2. Pharynx.						
Acute pharyngitis.....	32	108	199	136	269	744
Hypertrophic pharyngitis (acute and chronic).....	37	52	94	40	74	297
3. Tonsils.						
Hypertrophic tonsilitis.....	1,823	5,355	5,231	3,165	2,219	17,793
Abscess.....	18	59	71	24	17	189
4. Uvula.						
Elongation.....	30	95	154	95	85	459
5. Nose.						
Acute rhinitis.....	53	222	311	240	339	1,175
Chronic rhinitis.....	56	143	204	65	90	558
Purulent rhinitis.....	3	10	19	7	4	43
Ozæna.....	3	9	10	4	4	30
Deviations of septum.....	16	52	41	40	32	181
Epistaxis.....	3	27	14	15	33	92
6. Naso-Pharynx.						
Naso-pharyngitis (post nasal catarrh)..	99	202	243	126	154	824
Adenoid disease.....	612	2,100	1,815	1,053	1,007	6,587
7. Larynx.						
Acute laryngitis.....	13	39	99	57	104	312
Chronic laryngitis.....	7	14	7	7	19	54
8. Bronchi.						
Acute bronchitis.....	38	186	338	184	312	1,058
Chronic bronchitis.....	18	73	102	53	82	328
DISEASES OF THE EAR.						
Foreign bodies (cerumen, etc.).....	27	87	156	83	55	408
Otitis media, catarrhal (acute and chronic).....	15	89	77	63	101	345
Otitis media, suppurative (acute and chronic).....	13	57	59	29	44	202
Mastoiditis.....		1	4		3	8
DISEASES OF THE EYE.						
1. Foreign Bodies.....	15	38	54	20	17	144
2. Eyelids.						
Blepharitis.....	163	407	339	260	137	1,306
Stye.....	56	119	119	72	140	506
Ptosis.....	4	3	2	2	4	15
Trichiasis.....	3					3
3. Lachrymal Organs.						
Obstruction of duct.....	1	2	1	1	1	6
Abscess.....	2	2	2			6
4. Conjunctiva.						
Conjunctivitis.....	139	229	234	136	248	986
Phlyctenular.....	12	18	27	5	9	71
Granular.....	3	5	4	4	10	26
5. Cornea.						
Interstitial keratitis.....	1	2	20	1	1	25
Ulcer.....	1	4	7	2	3	17
Opacity.....	8	19	15	6	4	52

NONCONTAGIOUS DISEASES.—*Concluded.*

	September 13 to October 1.	October.	November.	December.	January.	Total.
6. Iris.						
Iritis.....	2	.....	6	.....	5	13
Synechia.....	.....	1	.....	.....	.....	1
7. Muscles.						
Strabismus.....	104	183	126	76	109	598
Nystagmus.....	3	7	3	1	4	18
Paralysis of extra-ocular muscles.....	5	5	1	3	.....	14
DISEASES OF THE SKIN.						
Acne.....	45	159	291	203	205	903
Alopecia areata.....	29	25	22	10	16	102
Dermatitis.....	109	163	171	82	163	688
Eczema.....	185	449	479	249	528	1,890
Erythema multiforme.....	10	9	9	2	12	42
Erythema simplex.....	6	14	12	26	12	70
Furunculus.....	42	50	54	42	69	257
Herpes simplex.....	138	212	242	120	189	901
Herpes zoster.....	16	23	20	16	10	85
Pemphigus.....	.....	4	5	1	.....	10
Pityriasis, maculata et circinata.....	.....	1	1	.....	1	3
Pruritus.....	1	4	13	.....	2	20
Psoriasis.....	13	19	16	9	19	76
Purpura.....	.....	.....	4	.....	2	6
Seborrhea.....	103	224	538	310	89	1,264
Tinea trichophytina.....	12	36	33	21	34	136
Tinea versicolor.....	7	12	13	6	6	44
Urticaria.....	17	32	33	20	23	125
Verruca.....	68	53	43	49	41	254
MISCELLANEOUS DISEASES.						
Abscess.....	44	126	90	67	116	443
Acute torticollis.....	.....	.....	.....	.....	.....	.....
Anemia.....	393	1,183	927	431	472	3,406
Burns.....	32	78	58	49	141	358
Cardiac diseases.....	125	552	587	364	564	2,192
Cataract.....	.....	.....	.....	.....	1	1
Cervical adenitis.....	397	2,827	2,877	1,769	1,810	9,680
Chorea.....	7	108	39	23	51	228
Contusions.....	112	273	287	230	336	1,238
Debility.....	82	363	242	151	162	1,000
Defect in speech.....	.....	.....	.....	.....	.....	.....
Deformities (spinal).....	27	114	109	208	107	565
Deformities (extremities).....	58	130	159	86	127	560
Dental caries.....	2,907	9,126	8,387	5,019	5,908	31,347
Earache.....	.....	.....	.....	.....	.....	.....
Epilepsy.....	55	29	77	10	31	202
Favus.....	7	2	.....	.....	.....	2
Fractures.....	.....	12	11	14	9	53
Gastric diseases.....	32	130	137	94	171	564
Habit spasm.....	1	.....	.....	.....	.....	1
Headache.....	53	149	133	107	203	645
Intestinal diseases.....	14	33	28	34	37	146
Nervousness.....	.....	.....	.....	.....	.....	.....
Neuralgia.....	5	21	23	28	41	118
Rheumatism.....	4	18	15	24	55	116
Sprains.....	52	119	125	40	112	448
T. B. hip disease.....	.....	2	.....	1	2	5
Ulcer.....	28	55	26	16	49	174
Urinary disease.....	7	16	.....	10	18	51
Wounds.....	286	581	566	387	700	2,520
Unclassified.....	902	2,196	2,744	1,374	1,962	9,178
Vaccinations (performed).....	280	256	138	24	55	753
Wry neck.....	1	.....	.....	.....	.....	1
Certificate of vaccination.....	2,224	1,362	505	191	219	4,501
Pediculosis.....	400	.....	550	190	124	1,264
Syncope.....	1	.....	.....	.....	.....	1
Defective vision.....	.....	33	36	25	52	146
Mentally defective.....	.....	13	24	7	7	51
Pleurisy.....	.....	1	.....	.....	.....	1
Cleft palate.....	.....	1	1	.....	.....	2
Infantile paralysis.....	.....	1	1	.....	3	5
Rhachitis.....	.....	266	167	36	7	476
Goitre.....	.....	1	.....	.....	.....	1
Bifurcate uvula.....	.....	.....	2	.....	2	4
Cervical Potts' disease.....	.....	.....	1	.....	.....	1
Jaundice.....	.....	.....	.....	.....	2	2
Hernia.....	.....	.....	.....	.....	1	1

3. EXAMINATION OF LICENSED MINORS.

Statute law requires that every minor under the age of sixteen years must receive a certificate from the School Committee before being allowed to go to work. This certificate is granted by the School Committee after a physical examination by this division and an intelligence test on the part of the School Committee. For this work there are employed one physician and one matron. The results of this work for the period covered by this report are as follows:

	Number Examined.	Number Found Without any Defect.	Number Found Defective.
September, 1911.....	822	746	76
October, 1911.....	445	410	35
November, 1911.....	508	417	91
December, 1911.....	349	260	89
January, 1912.....	321	249	72
Totals.....	2,445	2,082	363

Defective conditions noted as follows:

Cardiac	18	Nose	5
Cervical glands	2	Skin	16
Ears	8	Throat	173
Eyes	140	Miscellaneous	4

Of the 2,445 children examined, thirty were refused certificates because they were judged physically unable to perform the work which they wished to do.

Respectfully submitted,

W. J. GALLIVAN, M. D.,
Chief of Division of Child Hygiene.

REPORT OF THE DERMATOLOGIST.

BOSTON, February, 1, 1912.

To the Board of Health:

GENTLEMEN,—I beg leave to make report of the following cases which I have been requested by your honorable Board to see during the year ending January 31, 1912:

Alopecia areata	11
Cerebro-spinal meningitis	3
Chicken-pox	45
Dermatitis	16
Dermatitis venenata	1
Eczema	109
Erysipelas	1
Erythema simplex	13
Erythema multiforme	2
Erythema pernio	1
Favus	19
Herpes simplex	12
Herpes zoster	3
Ichthyosis	6
Impetigo contagiosa	58
Keratosis pilaris	9
Leprosy	3
Lupus vulgaris	3
Measles	36
Pediculosis	31
Psoriasis	3
Prurigo	1
Scabies	62
Scarlet fever	8
Seborrhœa	76
Staphylococciæ	7
Syphilis	11
Tinea trichophytina	47
Urticaria	8
Vitiligo	1
Unclassified	6
Total	<u>612</u>

FRANCIS J. KEANY,
Dermatologist.

REPORT OF PORT PHYSICIAN.

BOSTON, February 1, 1912.

To the Board of Health:

GENTLEMEN,— I herewith submit the annual report of the Quarantine Division for the year ending January 31, 1912.

During the past year, as had been predicted, Cholera Asiatica threatened an entrance here owing to the prevalence of the disease in Italy. The Federal authorities issued additional regulations requiring the detention of all third-class passengers from infected ports until proven free from the organism which causes the disease.

In order to meet this situation the two large detention houses on Gallop's Island were equipped with modern three-tier beds, each house thus accommodating 300 persons, and the old toilet systems were replaced with modern latrines.

At the end of the easterly detention house a commodious dining room was built and the kitchen equipment was added to greatly.

There was also installed on the island a gasoline driven dynamo for lighting purposes, to replace the dangerous kerosene lamps formerly in use. Both detention houses, the dining room, the bath houses and wharf were wired for lights. New screens were placed on all the buildings of the island during the year, a much needed improvement. Many other minor improvements were made.

The steamer "Vigilant" is in poor condition and repairs are frequently needed.

On March 1, 1911, Dr. Paul Carson resigned as port physician and Dr. William M. Gay was appointed in his place.

On March 29, 1911, Dr. Francis X. Crawford was appointed assistant port physician.

On September 1, 1911, Dr. William M. Gay resigned and Dr. Francis X. Crawford was appointed port physician.

On January 1, 1912, Dr. Edward M. Looney was appointed assistant port physician.

On February 25, 1911, Mrs. Albert F. Sherman, matron of Gallop's Island, died.

On March 15, 1911, Mrs. Emma L. Johnson was appointed as matron of Gallop's Island.

During the year 743 ships were inspected; of these sixty-nine were disinfected.

Total number of passengers examined	62,579
Total number of seamen examined	47,388
Total number of cattlemen examined	1,004
Total number of stowaways examined	20

The hospital report is as follows:

DISEASES.	Admitted.	Discharged.	Condition.	Total.
Beriberi.....	2	2	Improved	2
Cholera Asiatica.....	1	1	Dead	1
Enteritis.....	1	1	Well	1
Enteritis tubercular.....	1	1	Dead	1
Impetigo.....	1	1	Well	1
Measles.....	13	13	{ Well 12 Dead 1 }	13
Mumps.....	1	1	Well	1
Observation.....	2,838	2,838	Well	2,838
Pneumonia.....	1	1	Dead	1
Scabies.....	2	2	Well	2
Septic endocarditis.....	1	1	Dead	1
Urticaria.....	1	1	Well	1
Vaccinia.....	2	2	Well	2
Varicella.....	1	1	Well	1
Variola.....	4	4	Well	4
Whooping-cough.....	2	2	Well	2
				<u>2,872</u>

Very respectfully,

FRANCIS X. CRAWFORD,
Port Physician.

REPORT OF THE ASSISTANT CITY PHYSICIAN.

Boston, January 1, 1912.

To the Board of Health:

GENTLEMEN,—I have the honor of submitting my annual report. I have visited the Suffolk County Jail daily during the past year, having made 6,616 visits at that institution.

At the vaccinating station on Chardon street 2,318 persons have applied for vaccination and in nearly all cases the scarification has been successful.

Respectfully submitted,

GEORGE A. SARGENT, M. D.,
Assistant City Physician.

REPORT OF DIRECTOR OF BACTERIOLOGICAL LABORATORY.

To the Board of Health:

GENTLEMEN,—I have the honor of submitting the following report of the work done in this department during the year 1911.

STAFF.

The only changes in the personnel of the force have been among the media makers. On September 1 William Grady was transferred to the Bureau of Milk Inspection; by promotion Arthur Holston became first assistant and Christopher Harris second assistant media maker. November 27 William McKenzie was appointed third assistant in the media department.

ROUTINE DIAGNOSTIC EXAMINATIONS.

The total number of routine diagnostic examinations made during the year ending December 31, 1911, was 31,736.

Table Summarizing Routine Diagnostic Examinations for Year Ending December 31, 1911.

MONTH.	Diphtheria.	Tuberculosis.	Typhoid.	Malaria.	Gonorrheal Ophthalmia.	Gonorrheal Urethritis.	Glanders.	Rabies.	Tuberculosis, Urines, Pus, etc.	Cholera.	Other Diseases.	Total.
January.....	1,802	517	137	14	11	122	41	1	16	.....	45	2,706
February.....	1,225	451	77	13	41	80	18	1	12	.....	25	1,943
March.....	1,730	602	93	12	49	106	33	2	11	.....	38	2,676
April.....	1,498	516	106	29	41	114	25	2	10	.....	23	2,364
May.....	1,808	534	152	29	42	124	30	2	17	.....	14	2,752
June.....	1,473	379	126	23	32	86	92	3	8	.....	15	2,237
July.....	910	311	174	32	25	82	72	2	4	335	8	1,955
August.....	822	327	232	49	38	92	70	....	17	1,180	20	3,047
September.....	774	337	201	34	44	108	136	1	17	737	9	2,298
October.....	1,384	498	202	28	31	130	306	....	10	611	14	3,114
November.....	1,529	479	172	25	28	125	268	1	8	503	41	3,179
December.....	2,506	493	121	10	50	148	105	1	11	.....	20	3,465
Totals.....	17,461	5,444	1,793	298	432	1,317	1,196	16	141	3,366	272	31,736

Table No. 1.—Diphtheria.

SHOWING CULTURES CLASSIFIED.

	Positive.	Negative.	No Growth.	Total.
Primary.....	1,487	11,032	92	12,611
Secondary.....	896	3,924	30	4,850
Totals.....	2,383	14,956	122	17,461
	13.6%	85.7%	.7%	100%

While the number of cultures examined has been equalled but once in the history of the laboratory the percentage of positives is lower than it has ever been.

Table No. II.—Diphtheria.

SHOWING CASES CLASSIFIED.

	POSITIVE.		NEGATIVE.		No GROWTH.	TOTAL.		TOTAL.			Grand Total.
	For Diagnosis.	For Release Only.	For Diagnosis.	For Release.		For Diagnosis.	For Release Only.	Positive.	Negative.	No Growth.	
	1	2	3	4	5	6	7	8	9	10	
January.....	140	4	1,178	29	2	1,320	33	144	1,207	2	1,353
February.....	97	3	823	29	7	927	32	100	852	7	959
March.....	113	12	1,206	54	7	1,326	66	125	1,260	7	1,392
April.....	101	7	932	61	4	1,037	68	108	993	4	1,105
May.....	128	12	1,258	49	3	1,390	61	140	1,307	3	1,450
June.....	152	7	755	52	3	910	59	159	807	3	969
July.....	86	6	489	30	2	577	36	92	519	2	613
August.....	67	5	512	18	2	581	23	72	530	2	604
September.....	64	3	507	25	3	574	28	67	532	3	602
October.....	141	9	864	70	8	1,013	79	150	934	8	1,092
November.....	142	4	924	39	1	1,067	43	146	963	1	1,110
December.....	186	14	1,044	81	7	1,237	95	200	1,125	7	1,332
Totals.....	1,417	86	10,492	537	49	11,958	623	1,503	11,029	49	12,581

Column 1 shows the whole number of persons proving positive for diagnosis. In some of these cases the first culture was negative, but subsequent cultures for diagnosis were positive. Column 2 shows the total persons positive for release only, no culture (or in very few cases a negative culture) being taken for diagnosis. Column 3 shows cases negative throughout for diagnosis. A few of these were reported as diphtheria in spite of the negative cultures, but these proved negative for release also. Column 5 shows cases on which none but no growth cultures were received.

Table No. III.—Diphtheria.

SHOWING AVERAGE LENGTH IN DAYS AND WEEKS FROM DATE OF FIRST POSITIVE TO SECOND NEGATIVE.

MONTH.	Number of Cases.	Average in Days.	Number Cases Running less than One Week.	Number Cases Running between One and Two Weeks.	Number Cases Running between Two and Three Weeks.	Number Cases Running more than Three Weeks.
January.....	76	14.4	12	31	22	11
February.....	39	10.9	7	22	7	3
March.....	47	13.3	8	24	8	7
April.....	31	12.3	5	16	8	2
May.....	49	11.3	13	23	11	2
June.....	75	11.8	13	41	15	6
July.....	33	10.6	7	19	5	2
August.....	24	13.5	3	11	7	3
September.....	29	13.6	4	19	2	4
October.....	57	12.4	6	34	14	3
November.....	67	12.4	7	40	16	4
December.....	88	11.3	20	49	11	8
Totals.....	615	12.3	105	329	126	55
	100%		17%	53.5%	20.5%	9%

This table is necessarily based on those cases where cultures were submitted to the laboratory for diagnosis; the patient being also released later by the laboratory. A large number of positive cases are removed to the City Hospital, and, being finally released from there, cannot be brought into this account.

The average duration of cases aside from those going to a hospital was 12.3 days, the same as last year, fifty-five cases continued more than three weeks, the longest duration being fifty-three (53) days.

Table No. IV.—Diphtheria.

SHOWING NEGATIVE CULTURES OBTAINED FOR RELEASE, INCLUDING PREMATURE NEGATIVES. ALL WERE RELEASED BY TWO CONSECUTIVE NEGATIVES.

MONTH.	Positive Cases Released on Two Negatives.	Positive Cases Showing Premature Negatives.	Per cent of Positive Cases Showing Premature Negatives.
January.....	80	16	20
February.....	42	6	14
March.....	51	10	20
April.....	36	7	19
May.....	52	11	21
June.....	78	17	22
July.....	36	7	19
August.....	26	8	31
September.....	31	5	16
October.....	62	11	18
November.....	71	9	12
December.....	96	12	12
Totals.....	661	119	18

Column 1 shows total positive cases which were released by two consecutive negatives. Column 2 shows the number of these which during the taking of cultures for release yielded a negative culture followed by a positive. Column 3 shows that if release were granted on one negative culture only, 18 per cent of the total positive cases released by the laboratory would still carry the bacilli after such release.

Table No. V.—Diphtheria.

COMPARATIVE RESULTS FROM SWAB EXAMINATION AND FIVE-HOUR AND OVERNIGHT INCUBATION RESULTS.

A.

Swab Examinations and Overnight Incubations.

	Positive Cases.	Negative Cases.
Swab+ Culture+.....	100	
Swab? Culture+.....	14	
Swab— Culture+.....	51	
Swab— Culture—.....	4	713
Swab? Culture—.....	1	10
Swab+ Culture—.....	15	
	185	723

B.

Five-hour and Overnight Incubations.

	Positive Cases.	Negative Cases.
5-hour+ 20-hour+.....	75	
5-hour? 20-hour+.....	15	
5-hour— 20-hour+.....	15	
5-hour— 20-hour—.....	5	556
5 hour? 20-hour—.....	4	4
5-hour+ 20-hour—.....	10	
	124	560

Out of 908 swabs examined, 817, or 90 per cent, were reported as the culture proved; of the remaining 91, 14 were reported suspicious and came positive, bringing the total of reliable results up to 91.5 per cent.

Unless a swab examination is positive a final report is not given until after incubation of the culture; 51 of these cases showed nothing suspicious on the swabs but gave positive cultures.

Of the 684 five-hour examinations, 636, or 93 per cent, were reported as the twenty-hour incubation proved, the incubation in these cases being necessarily five hours longer than the ordinary; 15 were reported suspicious and came positive, bringing the total of reliable reports up to 95.6 per cent. Of the remaining 33, 15 negative on the five-hour were positive on the longer incubation. Eight reported suspicious were negative, although in four of these succeeding cultures were positive. Ten positive on the five-hour incubation were overgrown with twenty hours' incubation. With all these preliminary examinations it is the custom to proceed with the regular incubation and, with the exception of positive findings, final reports are not given until the following morning.

During the year direct examinations of the swabs have been made in all cases in which the culture showed suspicious organisms and in 85 such instances they enabled us to give a positive report without waiting for another culture.

Also in cases where the physician has made a diagnosis of diphtheria and the culture has proved negative, a direct examination of the swabs has been made and

of 224 such instances the swab examination has been positive ten times, suspicious three times, successive cultures being positive and twice the organisms of Vincent's Angina have been found.

During the year we have found the organisms of Vincent's Angina twenty-two times, twice being associated with diphtheria bacilli.

Table No. VI.—Diphtheria.

SHOWING RESULTS OF VIRULENCE TESTS.

Positive.	Negative.	Total.
24	24	48
50%	50%	100%

TUBERCULOSIS.

For the first time since the examination of sputa was begun the total number of specimens submitted was less than during a previous year, although the percentage of positives remains the same as in 1910.

Table No. 1.—Tuberculosis.

MONTHLY TOTALS OF EXAMINATIONS.

MONTH.	Positive.	Negative.	Total.
January.....	107	410	517
February.....	73	378	451
March.....	102	500	602
April.....	85	431	516
May.....	100	434	534
June.....	83	296	379
July.....	70	241	311
August.....	73	254	327
September.....	79	258	337
October.....	107	391	498
November.....	83	396	479
December.....	80	413	493
Totals.....	1,042	4,402	5,444
	19%	81%	100%

Table No. II.—Tuberculosis.

SHOWING CASES CLASSIFIED.

Positive.	Negative.	Total.
945	3,834	4,779
20%	80%	100%

Table No. III.—Tuberculosis.

SHOWING RESULTS OF GENITO-URINARY TUBERCULOSIS TESTS.

Positive.	Negative.	Unsatisfactory.	Total.
35	103	3	141
25%	73%	2%	100%

The results recorded in this table are based on animal tests.

The increase in the use of the laboratory as an aid in the diagnosis of genito-urinary tuberculosis has been rapid, having more than doubled in the last two years.

TYPHOID.

Table No. I.

MONTHLY TOTALS OF WIDAL REACTIONS.

MONTH.	Positive.	Negative.	Atypical.	Total.
January.....	18	116	3	137
February.....	6	71	.....	77
March.....	9	79	5	93
April.....	9	93	4	106
May.....	10	138	4	152
June.....	12	111	3	126
July.....	7	161	6	174
August.....	30	192	10	232
September.....	35	156	10	201
October.....	39	148	15	202
November.....	23	139	9	171
December.....	21	98	3	122
Totals.....	219	1,502	72	1,793
	12%	84%	4%	100%

It is gratifying to note that not only has the number of examinations for typhoid decreased but also the percentage of positives. Nearly half of the positives were obtained during the months of August, September and October.

Table No. II.—Typhoid.

SHOWING CASES CLASSIFIED.

Positive.	Negative.	Atypical.	Total.
208	1,290	56	1,554
13.4%	83%	3.6%	100%

MALARIA.

Even with a decreased number of examinations a lower percentage of positives was found.

Malaria.

Positive.	Negative.	Unsatisfactory.	Total.
26	271	1	298
8.7%	91%	.3%	100%

GONORRHEAL OPHTHALMIA.

During the past year the number of smears from the eyes to be examined for gonococci has nearly doubled but it is pleasing to note the small percentage of positives.

Gonorrheal Ophthalmia.

Positive.	Negative.	Total.
26	406	432
6%	94%	100%

GONORRHEAL URETHRITIS.

When we consider that not until 1908 was there a sufficient number of smears examined for gonorrhea to have a classification other than under the general

heading of other examinations, the following table shows that the physicians are glad to avail themselves of the opportunity of having these examinations made.

It is interesting to note that the bulk of the total number of examinations is made up of doubtful and possible cases rather than in those positive cases in which they may desire the report for the moral effect on the patient.

Gonorrheal Urethritis.

Positive.	Negative.	Unsatisfactory.	Total.
360	955	2	1,317
27.3%	72.5%	.2%	100%

RABIES.

I am glad to be able to report that our work on rabies has been very light the past year.

Rabies.

SHOWING CASES CLASSIFIED.

Positive.	Negative.	Total.
5	11	16
31%	69%	100%

Cholera.

Positive.	Negative.	Total.
1	3,365	3,366

On July 18 a stool was received from an Italian woman in the North End, followed on the 20th by swabs from the intestinal tract. From these cultures Dr. A. J. McLaughlin of the P. H. and M. H. S. isolated July 22 vibrios which agglutinated with the specific cholera serum received from Washington on the same date in response to a telegraphic request made July 20. Follow-

Brought forward 194

Table No. II.

QUARANTINE.

Steamships.

July 25, "Winifredian"	1
July 31, "Marchionael"	1
July 31, "Cymric"	139
Aug. 10, "Canopic"	1,180
Sept. 7, "Romanic"	315
Sept. 24, "Canopic"	422
Oct. 4, "Kioto"	70
Oct. 16, "Romanic"	540
Oct. 18, "Romanic"	1
Nov. 5, "Canopic"	502
Nov. 22, "Romanic"	1
	3,172
	<u>3,366</u>

Miscellaneous Examinations.

Positive.	Negative.	Total.
137	87	224
61.2%	38.8%	100%

The above table includes those examinations which could not be classed under the tables such as urines and feces for typhoid, blood cultures and examinations for various kinds of organisms.

GLANDERS.

Total examinations by different methods:

Strauss	309
Complement fixation	707
Agglutination	180
	<u>1,196</u>

Never in the history of the laboratory has there been so great a number of tests for glanders as during 1911.

In June, at the instance of the Board, Doctor Dyer and the director of the laboratory spent two days at the laboratory of the Bureau of Animal Industry at Washington, D. C., investigating the diagnosis of glanders by complement fixation and agglutination.

Since this time, as the record shows, Miss Wade has made 707 tests by complement fixation and 180 by agglutination.

This means that more actual work has been done on glanders alone since July 1 than on diphtheria.

Soon after the visit to Washington we procured a centrifuge of the latest pattern and this has been adapted to all phases of the work and for the agglutination tests we can run ninety-six tubes at a time.

The details of the tests are given in the paper "The Laboratory Diagnosis of Glanders" which appears at the close of the report.

Table No. I.—Glanders.

EXAMINATIONS BY MONTHS.—STRAUSS.

MONTH.	Positive.	Negative.	Unsatisfactory.	Total.
January.....	18	18	5	41
February.....	8	7	3	18
March.....	11	18	4	33
April.....	7	14	4	25
May.....	7	20	3	30
June.....	11	16	3	30
July.....	5	13	3	21
August.....	12	9	1	22
September.....	10	18	3	31
October.....	11	20	2	33
November.....	5	10	5	20
December.....	1	3	1	5
Totals.....	106	166	37	309
	34%	54%	12%	100%

Table No. II.—Glanders.

SHOWING CASES CLASSIFIED.—(STRAUSS.)

Positive.	Negative.	Unsatisfactory.	Total.
103	114	26	243
42%	47%	11%	100%

The percentage of positive examinations in the above table is the same as in 1910, but the per cent of unsatisfactory results decreased from 15 per cent to 12 per cent.

Table No. III.—Glanders.

EXAMINATIONS BY MONTHS.—(BLOOD TESTS.)

	COMPLEMENT FIXATION.				AGGLUTINATION.		
	Positive.	Negative.	Atypical.	Total.	Positive.	Negative.	Total.
June.....	7	55	.....	62			
July.....	12	39	.....	51			
August.....	17	30	1	48			
September.....	18	87	.....	105			
October.....	48	223	2	273			
November.....	21	127	.....	148	72	28	100
December.....	13	7	.....	20	36	44	80
Totals.....	136	568	3	707	108	72	180
	19.2%	80.4%	.4%	100%	60%	40%	100%

In the latter part of 1910 the Bureau of Animal Industry at Washington sent Dr. Adolph Eichhorn of the Pathological Division to Berlin to study the diagnosis of glanders by means of the blood tests, complement fixation and agglutination.

On his return these were thoroughly tried out by the Bureau and found to be practical methods for the detection of glanders.

When it was decided to adopt these tests in this laboratory Dr. John R. Mohler, Chief of the Division, offered us every possible aid and has also furnished us with some of the materials needed.

Table III. shows the results of these tests.

Table No. IV.—Glanders.

CASES CLASSIFIED.

	Positive.	Negative.	Atypical.	Unsatisfactory.	Total.
Blood only.....	91	439	2	.....	532
Strauss only.....	67	82	.....	15	164
Blood and Strauss.....	57	22	.....	.....	79 *
Totals.....	215	543	2	15	775
	27.7%	70%	.3%	2%	100%

* Table V. gives a summary of these seventy-nine cases.

There were seventy-nine cases in which both Strauss and blood tests were made and a summary of these is interesting. As the table shows there were fifty-two cases in which both agreed, eleven in which the blood enabled us to give a report while the pigs failed to live a sufficient length of time after inoculation to develop the lesions if *B. Mallei* were present, and there were sixteen cases in which the results were different; fifteen in which the blood was positive and the pigs negative, and one blood negative and the pigs positive.

Table No. V.—Glanders.

SUMMARY OF THE SEVENTY-NINE CASES ON WHICH BOTH STRAUSS AND BLOOD TESTS WERE MADE.

STRAUSS COMPLEMENT FIXATION AND AGGLOUTINATION.		STRAUSS AND COMPLEMENT FIXATION.	
Positive Cases.	Negative Cases.	Positive Cases.	Negative Cases.
All+..... 14	All—..... 5	Both+..... 17	Both—..... 12
Strauss+C.F.—Ag.+... 4	Strauss uns C.F.—Ag.— 4	Strauss+C.F.—... 1	Strauss uns C.F.— 1
Strauss—C.F.+Ag.+... 9		Strauss—C.F.+... 3	
Strauss—C.F.—Ag.+... 3		Strauss uns C.F.+ 4	
Strauss uns C.F.+Ag.+... 1			
Strauss uns C.F.—Ag.+... 1			
Total..... 32	9	 25	 13

In looking at Table V. it must be remembered that these are cases and that in some instances at least six blood and three guinea-pig tests were made.

Had the individual tests been tabulated the results would of course have shown greater variation. The high percentage of positives in the table of agglutinations is accounted for by the fact that, as the table shows, these tests were not begun until November and many of the bloods were those which had given a positive complement or from horses which were suspicious clinically.

Table Summarizing Routine Diagnostic Examinations for Fourteen Years Ending December 31, 1911.

YEAR.	Diphtheria.	Tuberculosis.	Typhoid.	Glanders.	Malaria.	Gonorrheal Ophthalmia.	Gonorrheal Urethritis.*	Rabies.	Tuberculosis, Urines, Pus, etc.*	Cholera.	Other Examinations.	Total.	Average per day.
1898-99. (9 months)....	3,948		122					3				4,073	15
1899-1900.....	7,930		483	65	19			2			27	8,526	24
1900-01.....	18,889	1,021	1,014	119	38						44	21,125	57
1901-02.....	11,304	1,957	1,049	158	83						52	14,005	40
1902-03.....	7,729	2,322	984	140	98						32	11,305	31
1903-04.....	8,780	2,914	1,088	175	98						45	13,101	36
1904-05.....	9,237	3,115	1,164	147	134			3			88	13,888	38
1905-06.....	7,331	3,650	1,281	174	182	40		1			103	12,762	35
1906-07.....	12,061	4,255	1,630	258	191	69		47			334	18,545	52
1907-08.....	13,286	4,768	1,510	208	180	71		54			390	20,467	56
1908-09.....	14,427	4,896	2,680	265	227	104	274	62	55		223	23,213	64
1909-10.....	† 20,324	5,610	2,097	232	323	246	613	27	62		261	29,795	81
1910 (11 months).....	15,241	5,140	2,031	340	349	191	968	10	94		441	24,805	74
1911.....	17,461	5,444	1,793	1,196	298	432	1,317	16	141	3,366	272	31,736	87
Totals.....	167,948	45,092	18,926	3,477	2,222	1,153	3,172	226	352	3,366	2,312	248,246	50

* Included in other examinations previous to 1908 report.

† Exclusive of 8,233 examinations from the Brighton schools between September 13 and 23.

Not only does the above table show a greater number of examinations in 1911, but an analysis of these will show even more strongly than the figures the great increase in the work during the past year.

The diphtheria work which, of course, comprises the greatest number of examinations is also the one which requires the least time, and while the total number of tests has increased 1,941 over the highest previous total we had a smaller number of cultures by 2,863 than during that year, making the figures for the examinations not diphtheria 14,275 in 1911 as compared to 9,471 for the former year. When it is considered that many of these require from 5 to 20 times the time and labor that the diphtheria examinations do, the increased amount of work is apparent.

BACTERIOLOGICAL EXAMINATION OF MILK FOR THE YEAR ENDING JANUARY 31, 1912.

During the year 7,310 examinations have been made of samples of milk for bacterial content, the presence of pus and pus-producing organisms. A detailed ac-

count of the technique employed may be found in the annual report of 1905. The following is a brief summary of the work done:

Total number of samples examined	7,310
Number of samples showing over 500,000 bacteria per cubic centimeter	964
Number of samples passed by microscopic method alone	5,090
Number of samples showing infection	22

Table Showing Bacterial Content of Milk as Seized from Various Sources During the Year.

WHERE OBTAINED.	Number of Samples.	Count above 500,000 to a Cubic Centimeter.
Contractors.....	4,863	503
Wagons.....	1,215	287
Stores.....	548	128
Unclassified.....	684	46
Totals.....	7,310	964

The collection of bacteriological milk samples and enforcement of the bacteriological milk regulations are under the charge of Mr. James O. Jordan, Inspector of Milk, into whose hands have been placed daily (card catalogue) and monthly reports showing the results of the above work in detail.

Table Showing Milk Examinations by Years.

1904-05 (8 months).....	3,468
1905-06.....	5,559
1906-07.....	5,005
1907-08.....	4,681
1908-09.....	5,843
1909-10.....	6,349
1910-11.....	6,657
1911-12.....	7,310
Total.....	44,872

A glance at the summary shows the great advantage of the microscopic examination, as only 30.4 per cent of the specimens submitted were plated, and of this num-

ber many were submitted for actual count, *e. g.*, milk for infant feeding, certified milk or samples submitted by citizens.

ICE CREAM.

Total number of samples examined	168
Total number of samples over 500,000 bacteria per cubic centimeter	114
500,000 to 1,000,000	32
1,000,000 to 5,000,000	45
5,000,000 and over	37

SPECIAL INVESTIGATIONS.

During the past year about 100 pigs have been inoculated with milk or cow feces to determine the presence of tubercle bacilli in continuation of the work in 1910 for Professor Jordan.

We have examined for Dr. J. H. Cunningham, Jr., forty-one urines for tubercle bacilli sent in from advanced cases of pulmonary tuberculosis, but these were not included in the Genito-Urinary table as they were investigative rather than routine.

Early in the year we made a number of tests of the temperature and humidity in places of amusement.

During the latter half of the year we made a fairly extensive investigation of eggs, chiefly with animals for the biological department of the Massachusetts Institute of Technology.

By the invitation of the New York Milk Committee the director has served on a commission composed of eighteen sanitarians and scientists, who have held three meetings and have endeavored to encourage uniformity not only in methods, but they have also submitted a type of ordinance which they ask the different authorities to adopt as far as possible. All the meetings have been financed by the New York Milk Committee.

FUMIGATION.

A complete list of all fumigations has been kept during the past year and all supplies are given out at the laboratory to the members of that department.

During the year the following papers were presented: "The Public Health Laboratory."

Read at a meeting of the New England Pediatric Society February 25, 1911.

“The Qualifications of a Milk Commissioner.”

Read at the fifth annual conference of the American Association of Medical Milk Commissions held in Philadelphia, May, 1911.

“The Laboratory Diagnosis of Glanders.”

Presented at the quarterly meeting of the Massachusetts Association of Boards of Health, October, 1911, and with more detail at the meeting of the Massachusetts Veterinary Medical Association, November 22, 1911.

THE PUBLIC HEALTH LABORATORY.*

BY B. L. ARMS, M. D., DIRECTOR OF THE BACTERIOLOGICAL LABORATORY OF THE BOSTON BOARD OF HEALTH.

The first Public Health Laboratory was established in 1888 by Dr. Gardner T. Swarts of Providence, R. I., but since that time laboratories have become such a necessity that they are found in nearly all large cities, and the states with but few exceptions also have laboratories in order that they may do the needed work for the smaller towns and cities, which would otherwise be unable to have that service, and also to do the larger or state problems, — as water and sewage work, food and drug analysis and medico-legal examinations. Besides the large cities and states a constantly increasing number of smaller cities and towns have municipal laboratories and keep constant supervision over contagious diseases and the milk supply.

At the outset the aid of the laboratory was most frequently asked in the diagnosis of diphtheria, but at the present time there are many other ways in which they may aid the physician.

In order to render the best service there should be cooperation between the physician and the laboratory, each doing what they can to aid the other and both working together for a common purpose, — the betterment of the public health.

A few ways in which the laboratory can aid the physician are:

First.— Correct diagnoses.

Second.— Earliest possible report.

Third.— Reports to the physician of just what is found.

To take these up a little more in detail, — of course it goes without saying that unless the diagnoses are correct the physician very quickly loses confidence in laboratory reports.

* Read at a meeting of the New England Pediatric Society February 25, 1911.

Let us consider for a moment a few possible sources of failure to get a positive culture from a case of diphtheria:

First.— The bacilli may be localized and the swabs fail to become infected.

Second.— There may be organisms present which overgrow the K. L. even when incubated for 15 hours, the optimum time for diphtheria.

Third.— In laryngeal diphtheria, especially in an infant, it is extremely difficult to obtain a swab from the seat of trouble.

As to the swab report, — in order to do the greatest amount of good the diagnosis must be made known to the physician as soon as possible, and in municipal laboratories this can be done by telephone, many laboratories reporting in this way all positive diagnosis cultures and positive smears from the eyes. Of course it is impossible to report all examinations by telephone, this being followed by a mail report in all cases, and these in turn being sent as early as possible.

There are many times when a simple positive or negative report should not be given, and in these cases a few words may help the physician considerably.

The physician can aid the laboratory in many ways: Each outfit contains a card with blanks for data, and if these are filled out in full it makes them of much greater value for statistical purposes; by reporting to the laboratory any failure in the service, such as inability to obtain outfits at any station, or failure of any station to send outfits in promptly, and also by letting the laboratory know if it can be of service to him in any way.

There is probably no way in which the Public Health Laboratories can aid the pediatrician more than in their work toward improving the milk supply and they are ready to do much more. Boston is particularly fortunate in having the services of Prof. James O. Jordan at the head of this department. I wish to quote from an address delivered by him at the quarterly meeting of the Massachusetts Association of Boards of Health, October, 1907:

Those who desire clean milk must be willing to pay for it. But clean milk, regardless of price, is the cheapest variety to purchase.

Outside the price question the public unfortunately is not earnestly interested in the milk problem. The quality even

is not considered, with enough seriousness to cause many consumers to go to a slight personal inconvenience to ascertain the facts concerning their supplies.

The experience of the Bureau of Milk Inspection of the City of Boston supports this contention, for although the consumers of that city have been for years invited to avail themselves of the opportunity of having their supplies examined free of charge, not in recent years have enough purchasers taken advantage of this offer to average one sample a day.

During 1910, 399 samples were brought in by consumers.

There is still a great deal of work to be done from the educational standpoint, not only of the public, but the profession as well, when a statement like the following can be taken from the annual report of the Health Department of a city with a population of over 300,000, and the bacteriologist making this report was a physician.

During the last two years the department has been making bacteriological counts of market milk.

In 1908 there were 213 counts which showed an average count of 12,048,000 bacteria per cubic centimeter; 14 per cent between 500,000 and 1,000,000 bacteria per cubic centimeter; 21 per cent between 1,000,000 and 5,000,000 bacteria per cubic centimeter, and 23 per cent contained over 5,000,000 bacteria per cubic centimeter. This is not a very bad condition, as 56 per cent contained less than 1,000,000 bacteria per cubic centimeter, and 77 per cent contained less than 5,000,000 bacteria per cubic centimeter.

In 1909 there were 194 counts which showed an average of 4,466,000 bacteria per cubic centimeter; 42 per cent contained less than 500,000 per cubic centimeter; 6 per cent between 500,000 and 1,000,000 bacteria per cubic centimeter; 26 per cent between 1,000,000 and 5,000,000 bacteria per cubic centimeter, and 28 per cent more than 5,000,000 bacteria per cubic centimeter. While the average count of the year is much less than last year, the per cent of low counts is not quite as high; 46 per cent contained less than 1,000,000 bacteria per cubic centimeter, and 72 per cent less than 5,000,000 bacteria per cubic centimeter.

This work was instituted to find out about what the average bacterial count of our market milk would be, and to give us some definite statistics should we wish at any future time to establish a bacteriological standard.

The result shows that at least 75 per cent of the milk sold in this city throughout the entire twelve months of the year has a fair bacteriological content. Only about 25 per cent of the milk examined contained an excessive bacteriological count. With the continued improvement shown, it is only

a question of a short time when a bacteriological standard of 500,000 or 1,000,000 bacteria per cubic centimeter will not work a hardship upon the dairymen and will be possible as a routine measure.

It will be remembered that the statement was made that only about 25 per cent of the milk sold during the entire twelve months contained an excessive number of bacteria, but on examination of the table showing total number of laboratory examinations by months during 1909 we find that 6 counts were made in May, 15 in June, none in July, and 12 in August; only 33 out of a total of 194 during these four warm months.

I am sure that every one present here to-night would consider from the figures given that considerably more than 25 per cent of that milk contained an excessive number of bacteria and would also raise the question, How can he report with so much satisfaction on the gain in the entire twelve months when he made no tests in July? But 42 per cent of the milk tested could have sought a market here.

I am glad to say that such a report as this is most unusual, and I know of no other place where those having charge of the situation would be satisfied with a milk supply which averages 4,466,000 bacteria per cubic centimeter, or willing to have the great majority of the samples taken during those months where the counts would naturally be the lowest.

The majority of the health departments report a much better condition regarding their milk supply and this is bound to improve.

Every dairy producing certified milk is an educational center, and their number and influence are continually growing.

Many farms are to-day producing clean milk and setting a good example to their neighbors.

In conclusion let me add that the laboratory is ready to aid the physician in every possible way, but it can be readily seen that its field of usefulness is determined by the physicians themselves, or in other words, the laboratory cannot aid the physician who does not use it.

THE QUALIFICATIONS OF A MILK COMMISSIONER. *

BY B. L. ARMS, M. D., BOSTON.

You can readily imagine my surprise last Friday morning on receiving a letter from our secretary saying that he would depend on me for a paper on this subject, and to furnish a fitting climax to his request he thanked me for my, to use his own words, acceptance of this late obligation.

To a certain extent the value of certified milk depends on the commission certifying it and of necessity the commission depends on its individual members.

This is a special milk, particularly valuable for infant feeding, but its use should not be confined to this; in fact, it is not only its use which is beneficial to the public but there is another and greater way in which its production is a factor in the fight for clean milk.

This is, in my opinion, one of the most if not the most valuable contribution toward this end and which does not return a single penny to the producer. I refer to the example they set and which must impress all who visit the dairies; such a visit will leave its impression and possibly, unconsciously, that visitor will improve his own output.

He has seen the latest and best methods of production and has seen that cleanliness is the first requisite toward this end.

Can anyone see the modern methods of milking, and going back to his own herd put on a pair of dirty overalls, then with unwashed hands proceed to milk? Will he not take better care of the milk and realize that the rapid cooling means a great deal toward keeping down the bacterial content? In fact, can you conceive of all the many ways in which the certified milk producers may influence the general milk supply from the example they set to all who pay them a visit,

* Read at the fifth annual conference of the American Association of Medical Milk Commissions in Philadelphia, May, 1911.

and, even further than this, those who visit will tell others and thus the gospel of clean milk is spread. How great this influence is can only be conjectured but it is surely great.

I realize that the subject was to be the milk commission as a factor in the production of a clean milk supply but I could not resist the temptation to say a few words in regard to the producers as a factor, as it seems to me that their example influences the whole supply to a very marked degree and I have often wondered if they received full credit for their educational work; no, not if they received full credit, for I feel sure they have not, but have they received any credit for this phase of their work?

Now for a few words on my assigned subject. A man to serve on a medical milk commission should be a busy man, for he is the one who can find the time for the needed work, while the one who is not busy never has the time to devote to any additional duty.

He should be practical, and a very novel illustration of practical work came to my notice the past winter. The man, a clergyman, had a portable house which he set up at a farm where he had obtained permission to give a demonstration of what could be done and stayed long enough to show conclusively the value of cleanliness; then he moved to another farm where he repeated the process.

Now I appreciate the fact that a medical man could not devote his time in such a manner, but this was the method employed by a man last summer in one of our Massachusetts cities.

The milk commissioner should be of an analytical temperament; for many times there will be situations to be met that in justice to all must be decided at once and correctly as well.

He should be willing to work in cooperation with the producers at all times as they have many things to contend with, and this may be illustrated very well by a remark of one of them who recently said he had to depend somewhat on human help. I think we can all appreciate the force of this statement.

The commissioner is a man responsible to three different parties, the medical society which appoints him (I name this first as this is the body under whose authority he is working), the producer whose milk is certified and the consumer.

As a rule there is a perfect understanding between the medical society and the commission, and the regular reports show what is being done.

Of course, there are more frequent causes for communication with each of the other parties, and the commissioner often stands as a peacemaker between the producer and the consumer, and on such occasions he must frequently use tact, as it is his duty to be just to both parties; it is also his privilege at the same time to do a great deal for the cause of clean milk.

The public must be trained to understand the difficulties under which the producer is laboring, together with the extreme care necessary at all stages to produce a milk which will meet the requirements of the commission and how each step in its production is safeguarded.

For some unaccountable reason the public apparently considers that milk is milk and that it must not vary in price, while the price of milk products may vary greatly, and this is considered a perfectly normal occurrence. How they can reconcile their ideas in this respect is beyond my comprehension.

Finally, the man who can satisfy the medical society, the producer and the consumer and who can induce the public to demand clean milk possesses all the qualifications of a milk commissioner.

THE LABORATORY DIAGNOSIS OF GLANDERS.*

BY B. L. ARMS, M. D., DIRECTOR OF THE BACTERIOLOGICAL LABORATORY OF THE BOARD OF HEALTH, BOSTON, MASS.

Glanders is one of the oldest known diseases in horses and exists in nearly all parts of the civilized world, being most common in the temperate zone where an active traffic in horses exists. It occurs chiefly in horses, asses and mules, although many human cases are reported, and by inoculation many species of animals have been infected; guinea pigs, as you all know, are used for diagnostic purposes; it has been reported in goats, rabbits, sheep, field mice and several of the animals of the cat tribe.

Swine and pigeons are very slightly susceptible, while cattle, white mice, rats and domestic fowl seem to be immune.

Glanders was known to Aristotle and Hippocrates. The Roman authors, Apsyrtus and Vegetius, described glanders, the latter recognizing several varieties, especially that of the nose and skin.

Its infectiousness was recognized as early as the seventeenth century. Solleysel in 1664 supposed it could be transmitted by the air and Van Helmont in 1682 considered it to be identical with human syphilis. As early as 1734 Saunier gave precise directions for disinfecting stables. Garsault in 1741 and Bourgelat in 1764 recommended the immediate slaughter of horses suffering from glanders and the segregation of suspected animals.

The causative agent of the disease *Bacillus Mallei* was first accurately described by Loeffler and Schutz in 1882 when they isolated from glandered horses the organisms which fulfilled all of Koch's postulates.

The organism is a bacillus which grows in the presence

* Read at the meeting of the Massachusetts Veterinary Medical Association, November 22, 1911.

of oxygen and produces a characteristic growth on potato — a so-called honey-like growth — in thirty-six to forty-eight hours at body temperature.

MALLEIN.

Although the article of Strauss slightly antedated the use of mallein, this was the first extensive aid to the diagnosis of glanders from the laboratory and was produced and investigated in 1891 by Kalning and Hellmann. Mallein is a liquid prepared by growing *B. Mallei* in glycerin broth for six to eight weeks; the organisms are killed by boiling and carbolic acid is added as a preservative. The product is now ready for filtering and bottling, after which it is sterilized and is then ready for use.

THE GUINEA PIG TEST.

Strauss* in 1886 discovered the fact that when material containing virulent *B. Mallei* was injected into the peritoneal cavity of a male guinea pig scrotal lesions developed, and since the publication of his article in 1889 the test which bears his name has been quite generally used.

A positive reaction followed by typical organisms and a typical culture is unfailing evidence of the presence of *B. Mallei* in the material inoculated, while the failure to obtain the reaction is not proof that the horse from which the specimen was taken has not glanders. Hill and Burr† and also Frothingham‡ in 1901 called attention to the fact that frequently material from a horse which had glanders, as proved by autopsy, failed to give the reaction.

At the bacteriological laboratory of the Boston Board of Health the number of tests for glanders during the past five years have been respectively, 159, 208, 265, 232 and 340 (eleven months), and of this number 417, or 34.6 per cent, were positive.

Before the A. M. A. in June, 1910, the author read a paper on "The Strauss Reaction for the Diagnosis of Glanders," a part of which I will incorporate.

On receipt of the material at the laboratory about 3 to 5 c. c. of sterile water is added and the swabs are thoroughly soaked, then by rotation, together with

* Strauss: Compt. rend. Acad. sc. 1889, 108, page 530.

† Hill and Burr: Am. Pub. Health Assn. Report, 1901, page 439.

‡ Frothingham: Jour. Med. Research, 1901, No. 2, vi., 331.

pressure against the side of the tube, most of the material is left in suspension; the swabs are now used to inoculate a potato, after which a smear is made to show the kind and number of organisms present. They are then put in a pail containing 5 per cent carbolic acid.

With the suspension, two male guinea pigs (those weighing at least 500 grams being preferable) are inoculated intraperitoneally; one with 1 c. c. and the other with .5 c. c., unless there are myriads of organisms, or if streptococci are present, when half as much is used.

The reason for using two pigs is twofold, for frequently, as will be shown later, one pig will be positive and the other negative; and on the other hand, one pig may die of peritonitis, while the other will live and give the reaction.

All pigs under test for glanders are kept for a month, if negative, before a final report is made to that effect, although a tentative report is made at the end of a week.

All pigs under observation are examined at least twice daily for the first week, and when any change is seen the fact is noted on the card.

As soon as possible after the pigs show the Strauss reaction, autopsy is made, and all notes entered on the animal cards, which are then filed away with the original one filled out by the veterinarian. At autopsy a culture is made from each testicle which shows a lesion, and when but one shows the reaction, two are made from that one, and smears are also made for microscopic examination.

SUMMARY.

In summing up the work on glanders, I have first taken all the positives for the past four years, ending January 31, 1910, and second, all cases during the past year.

A summary of the 301 positive cases shows the following dosage:

Cases showing organisms and receiving 1 and .5 c. c.,	258
Cases showing no organisms and receiving 1 and .5 c. c.,	18
Cases showing myriads of organisms or streptococci, receiving .5 and .25 c. c.	25

The result of the cultures made directly from the swabs, on receipt of the specimen, follows:

Culture negative in	132 cases
Culture positive in	32 "
No notation on card	8 "
No growth	3 "
A mold present in	126 "
Total	<u>301 cases</u>

It is noticeable that swab cultures from nasal cases are very apt to be overgrown by a mold.

The value of the swab culture is apparent from the fact that of the 32 cases in which the swabs gave a positive culture, 11 showed no lesion in the pigs by the third or fourth day, so were inoculated with a suspension from the surface of the potato, and in each instance there was a marked Strauss reaction on the second day following, and autopsy showed the characteristic lesions with typical organisms microscopically, and typical cultures were obtained from the lesions.

The location of the lesions in the 301 horses from which the specimens were taken is here shown:

Nasal	133 cases
Other than nasal	155 "
Both nasal and lesion elsewhere	2 "
Location of lesion not given	11 "
Total	<u>301 cases</u>

Table showing cases, dosage and result of swab cultures by years:

	1906.	1907.	1908.	1909.	Total.
Cases positive.....	51	75	93	82	301
Receiving 1 and .5 c. c.....	51	73	88	71	283
Receiving .5 and .25 c. c.....		2	5	11	18
Streptococci present.....	2	1	7	10	20
Swabs positive, pigs positive.....	2	3	11	5	221
Swabs positive, pigs negative.....		2	3	6	11

	1906.	1907.	1908.	1909.	Total.
Suspicious bacilli present in examination of smears . . .	10	17	32	18	77
Followed by positive culture	1	2	3	2	8
Followed by negative culture	3	10	12	7	32
Overgrown by mold	5	5	17	9	36
Showing no growth	1				1
Swab cultures negative	21	37	38	36	132
Swab cultures positive	2	5	14	11	32
Mold	20	30	41	35	126
No growth	3				3
No notation on card	5	3			8

During the year ending January 31, 1910, 232 specimens were examined for glanders. Of this number, in 193 instances the inoculation consisted of 1 c. c. and .5 c. c., while in the remaining 39 but half as much was used.

The life of the individual pigs, together with the dosage, is rather interesting. In the 193 cases in which the pigs received 1 c. c. and .5 c. c.

both lived in 141 instances; the 1 c. c. pig died in 14 instances; the .5 c. c. pig died in 8 instances; both died in 30 instances.

In the remaining 39 cases the inoculation was .5 and .25 c. c. and of these

both pigs lived in 15 instances; .5 c. c. pig died in 8 instances; .25 c. c. pig died in 4 instances; both died in 12 instances.

From the above will be seen the value of inoculating more than one pig, as in a total of 232 cases there were 34 instances in which one pig died while the other lived. This is even more striking when we come to consider the individual pigs among the positive cases, as in only 33 instances did both pigs give a positive reaction.

For convenience I call the pig getting the larger amount the 1 c. c. pig and the other the .5 c. c., even in the cases where they received .5 and .25 c. c.

Both pigs positive in 33 instances; 1 c. c. pig positive, .5 c. c. pig negative, in 20 instances; 1 c. c. pig negative, .5 c. c. pig dead, in 7 instances; 1 c. c. pig negative, .5 c. c. pig positive,

in 8 instances; 1 c. c. pig dead, .5 c. c. pig positive, in 6 instances; swab positive, pigs negative, in 6 instances; only one pig used in 2 instances.

From this it appears that had the 1 c. c. pig only been used, but 62 positives would have been obtained, an error of 24 per cent, while had the .5 c. c. pig alone been depended on, there would have resulted but 49 positives with an error of 40 per cent.

Had a swab culture not been made, six cases would have been missed, an error of 7.5 per cent.

While the final positive result would undoubtedly have been obtained by submitting other specimens, it will be readily seen that this would have only been accomplished after a delay which in many instances might have exposed a number of horses to infection. In any large series of tests for glanders, lesions other than the typical Strauss reaction will occur, and a number of these were spoken of in a paper by the author* before the American Public Health Association in Winnipeg, in 1908, and a number have since occurred.

The period from inoculation to development of lesions varies considerably.

Of the 1 c. c. pigs:

Six showed well developed lesions on second day; 23 showed well developed lesions on third day; 13 showed well developed lesions on fourth day; 3 showed well developed lesions on fifth day; 3 on the sixth; 2 on the seventh; one on each of the following eighth, tenth, seventeenth, twenty-second, twenty-eighth, thirty-first, thirty-fourth, and 2 on the twenty-fifth.

Of the .5 c. c. pigs:

Six showed lesions on second day; 11 showed lesions on third day; 11 showed lesions on fourth day; 10 showed lesions on fifth day; 1 showed lesions on sixth day; 3 showed lesions on seventh day; 2 showed lesions on eighth day; one each on the ninth, eighteenth, twenty-third and twenty-fifth days, respectively.

Of the delayed cases, *i. e.*, over seven days, but two had a typical Strauss reaction, and in but two other cases was there any testicular involvement, and in

* Arms: Am. Jour. Pub. Hyg., August, 1909 xix., 570.

each of these one testicle was converted into an abscess, there being but a thin wall, the interior being creamy pus, and *B. Mallei* being recovered in pure culture.

There was a tumor at the inoculation site in six cases; twice an inguinal gland was involved; once a tumor was found in the omentum and once in the mesentery. In these freak cases none is considered positive without a culture and animal test with a typical Strauss reaction.

Three things are required for the diagnosis of glanders by this method: Typical Strauss reaction, typical organisms from the lesion, and typical cultures.

While there is a marked variation in the *B. Mallei* on artificial media, the organisms direct from the lesions are characteristic, taking the stain (Loeffler's *M. B.*) irregularly.

Agglutination tests were next introduced and there have been many methods of performing these. The microscopic test is made in practically the same way as the Widal but it is very little used nor has it ever been extensively employed.

Macroscopic agglutination tests have been more reliable and there has been a constant gain in the reliability of these.

An early method was to grow *B. Mallei* in broth containing the serum to be tested and if this was from an animal with glanders, flakes would settle to the bottom, these being composed of bacilli which had agglutinated, while if the serum was from a normal animal these flakes would not be found.

Next *B. Mallei* were added to tubes of serum diluted in varying strengths from 1-50 to 1-5,000; these were then incubated from 10 to 15 hours at 37 degrees C. and examined. A typical reaction was present when the higher dilutions were clear with a precipitate of bacteria in the bottom of the tube, while in a negative reaction the fluid was uniformly cloudy.

Following this came the precipitation test of Konew and in this test the test fluid was made by dissolving a 48-hour agar growth of *B. Mallei* with an 8 per cent solution of antiformin and using a solution saturated with *B. Mallei*. As this solution is strongly alkaline it is neutralized with 5 per cent H_2SO_4 and then filtered first through filter paper, then through a Berkefeld, in order that the resulting fluid may be homogeneous without any undissolved bacilli being present.

This fluid was named malleasa by Dr. D. Konew, Director of the Bacteriological Laboratory in the Veterinary Institute of Charkow, Russia, who introduced it. In performing the test 1 c. c. of the malleasa is put into a test tube of small diameter and 1 c. c. of the serum to be tested is allowed to run slowly into the bottom of the tube through a capillary pipette, and being heavier than the malleasa it remains at the bottom of the tube while the test fluid is forced up.

A positive reaction occurs when, at the junction of the two fluids, a whitish ring is formed similar to the ring in Heller's test for albumen. Needless to say no ring occurs in a negative reaction.

The latest and most satisfactory agglutination test is made by the use of the centrifuge, and in this the test fluid consists of an emulsion of *B. Mallei* grown on glycerin agar for thirty-six to forty-eight hours, then heated for two hours at 60 degrees C. to kill the organisms.

The bacilli are then washed from the surface of the agar with sterile salt solution to which .5 per cent carbolic acid has been added.

This suspension of killed bacilli is made to a standard density and after being kept for about two weeks in the ice chest is ready for use. The fluid should be made from a mixture of 8 to 10 strains of *B. Mallei* in order to produce the best results.

The serum to be tested is then diluted in test tubes with the carbolized salt solution, the dilutions ranging from 1-300 to 1-8,000, and 2 c. c. of the test fluid is added to each tube; these tubes are incubated for thirty minutes at 37 degrees C. and then centrifugalized at 1,600 revolutions per minute for ten minutes and allowed to stand for an hour and a half when the findings are read.

The appearance of a veil-like clumping at the bottom of the tube with the upper part of the fluid clear indicates an agglutination, while the collecting of a dense white precipitate at the bottom of the tube with a cloudiness in the supernatant fluid indicates a negative reaction.

We have made but few of these tests, 52, and 32 of these were positive.

The high per cent of positives is explained by the fact that many of the bloods tested were from clinical cases.

This test is of value during the early stages, but not in the chronic cases.

The latest method for the diagnosis of glanders is known as the complement fixation test and in this the principles of the Wasserman reaction were first employed by Schutz and Schubert, who published the results of their work in 1909.*

It is a well-known fact that if the red corpuscles of one animal are inoculated into an animal of a different species the serum of the inoculated animal acquires the property of dissolving the red corpuscles of the former whenever they are mixed.

The process is rather complicated but extremely interesting. The necessary ingredients for the test are an immune serum or amboceptor, an extract of *B. Mallei* or antigen, some guinea pig serum or complement, some sheep's corpuscles and the serum of the animal to be tested.

The preparation of the immune serum is the first step and it is done by inoculating a rabbit with washed sheep's corpuscles, giving three inoculations at intervals of a week, and then five or six days after the third injection a small amount of blood is drawn and the strength of the serum is determined. It is safer to carry two or three along at the same time as there is a great variation in the strength of the serum from different rabbits.

If the serum will cause hemolysis when diluted 2,000 to 4,000 times it is ready for use, and 10 to 15 c. c. of blood may be drawn from the rabbit under sterile conditions, this being put into the ice chest to allow the serum to separate from the clot, and it may then be carbolized and bottled in small amounts and these should be securely sealed in order that it may be kept for some time, as such minute quantities are used for a test. To ascertain the hemolyzing strength, the serum is diluted with salt solution in a series of tubes, ranging from 1-100 to 1-4,000, and the highest dilution in which there is complete hemolysis represents the titre of the serum tested.

In the test the serum is used at double the ascertained strength. The titre remains stationary for three or four weeks.

* Schutz & Schubert Archiv für Wissenschaftliche und Praktische Tierheilkunde, Band 35, Heft 3, pages 44-83, 1909.

The antigen or glanders bacilli extract is prepared by growing the organisms on glycerin agar for twenty-four to forty-eight hours at 37 degrees C.; these are then washed off the surface of the agar with sterile salt solution, and the resulting fluid is heated at 60 degrees C. for four hours to kill the bacilli. It is now put in a shaking machine and shaken continuously for four days.

The fluid is now placed in centrifuge tubes and centrifugalized for two hours at a speed of 2,500-3,000 revolutions per minute; at the end of this centrifugalization 10 per cent of a 5 per cent carbohc acid solution is added and the material bottled for use. The strength is established by titration and for the test one half the established strength is used.

The complement is obtained from a guinea pig and must be not over two days old. The blood may be drawn from the heart of a guinea pig with a syringe or a pig may be anesthetized and bled. If the former method is used 6 to 8 c. c. may be obtained from a good-sized pig, while if the pig is killed he will furnish the 12 to 15 c. c. The serum is allowed to separate from the clot and may be poured or pipetted off, and as there is a great variation in the strength of the serum from different pigs it must be titrated each time.

In all steps great care must be taken to use exact quantities of the materials to be tested, as otherwise the entire day's work may be lost.

We now have the materials ready for the test, with the exception of the corpuscles of a sheep, and these may be obtained either by keeping a sheep on hand to supply them as needed or from an abattoir whenever the test is to be made.

Blood is drawn from the animal to be tested by opening a superficial vessel under aseptic precautions and drawing 2 to 3 ounces of blood, which is allowed to separate, the serum being the portion used for the test. This serum must be inactivated by heating to 58 degrees C. for thirty minutes and it is better to follow this by fifteen minutes at 59 degrees C. In case the blood is from a mule it should be heated to a slightly higher temperature.

Dilutions are now made of the various ingredients according to the titrations and except when in use they are kept in the ice chest; these are the immune serum, the glanders bacilli extract, the guinea pig serum, a

5 per cent suspension of sheep's corpuscles and without dilution the sera to be tested. In the test when immune serum, glanders bacilli extract, guinea pig serum or sheep's corpuscles is referred to the reference is to these dilutions, all of which are made with physiological salt solution.

For each serum four tubes are used, the first and third for the test and the second and fourth as controls.

Salt solution is the first step and 1 c. c. is put into each of the first and third tubes and 2 c. c. into each of the second and fourth; .1 c. c. of the serum to be tested is next put into each of the first two tubes and .2 into each of the last two.

One c. c. of the glanders bacilli extract is now put into the first and third tubes and 1 c. c. of the guinea pig serum is added to each of the tubes. After shaking the tubes are placed in the incubator at 37 degrees C. for an hour in order to anchor the antigen and the glanders immune body in which the complement will become firmly fixed if the serum to be tested is from an animal infected with glanders. After this short incubation the tubes are ready for the final step, which consists of the addition to each tube of 1 c. c. of the immune serum and 1 c. c. of the sheep's corpuscles. Each tube is thoroughly shaken and placed in the incubator at 37 degrees C. for ten hours, when the final results are observed.

In case the serum tested is from an infected animal the corpuscles will be found at the bottom of the tubes one and three, while tubes two and four will show dissolution of the corpuscles and the fluid will be colored by the hemoglobin set free. In negative cases all four tubes will show complete hemolysis.

In making these tests each step must be controlled, and accordingly each time tests are made a known positive blood is run and a known negative. Besides these, each different stage is controlled thus: a tube corresponding to No. 1 is run without the horse serum, all other ingredients being the same; next, a tube with 2 c. c. of the glanders bacilli extract and 1 c. c. each of the guinea pig serum, immune serum and sheep's corpuscles; another tube containing salt solution, guinea pig serum, immune serum and sheep's corpuscles; one with salt solution, guinea pig serum and corpuscles; one with salt solution, immune serum and corpuscles, and finally

one with salt solution and corpuscles only. It will be readily seen that failure to faithfully carry out any step will be shown by the controls and the cause of the trouble thus determined.

The fact that this test is made from the blood makes it an extremely valuable one, especially in those cases in which the lesions are deep seated and also in cases of a mixed infection.

The value of the blood tests for diagnosis lies in the fact that by their use the animals are in no way incapacitated, as the blood may be taken at any time with no deleterious effect, and the hidden cases which are the greatest cause of the spread of glanders may be found. Appreciating this fact the Boston Board of Health last June sent Dr. R. E. Dyer and the writer to the Bureau of Animal Industry at Washington to make a study of the complement fixation test and there we spent two strenuous days under the supervision of Doctors Eichhorn and Traum.

Soon after our return Doctors Burr and Dyer, the veterinarians of the Board, submitted the bloods from a stable in which there were sixty-three horses; but one gave a positive reaction. This horse was killed and an autopsy showed typical lesions of glanders in both lungs.

A retest was made eight weeks later and no reactions were found.

Since last June we have tested 681 bloods by this method, of which 129 were positive.

Among this series we have had, as there always are in any large number of tests, some interesting cases, a few of which follow:

July 9 we received a blood and material from abscesses. A typical Strauss developed, while the blood was negative, although a specimen taken six days later was positive.

September 2 a horse gave a positive mallein. Guinea pig tests made on the 5th, 11th and October 3 were negative, but on the 23d of September swabs were submitted from an abscess on the shoulder and the pigs gave a typical reaction.

Complement fixation was negative on the 5th, positive on the 8th and 11th, negative on the 19th, positive on the 23d and October 2.

Killed October 12, typical lesions in both lungs.

On September 12 a blood was submitted which was negative by the complement fixation and agglutination tests and likewise on the 16th, although swabs from a nasal discharge were submitted at this time and a pig inoculated the same day developed a typical reaction.

Blood on the 18th gave a negative complement fixation and a positive agglutination, on the 19th the same result was obtained, while blood drawn on the 21st and 23d was positive to the complement fixation test. This horse gave a positive reaction to mallein on the 15th.

Killed October 2, typical lesions both lungs.

September 25 guinea pig positive from an inoculation of material from an abscess on the jaw.

Mallein negative on the 27th. Complement fixation positive September 30, October 3, 5 and 9. Killed October 22, typical lesions both lungs.

October 14 guinea pigs inoculated with material from left nostril positive.

Complement fixation negative October 14 and 19. Agglutination negative October 19. Killed October 20, both lungs full of milliary lesions.

While the blood tests have at times not given the reaction in positive cases at no time have we obtained a positive reaction from a negative case.

It is a well-known fact that in the serum diagnosis and treatment of disease the strain of the organism which causes the infection gives the best results and this is, of course, the reason for using autogenous vaccines.

It may be that we have been working under the disadvantages of meeting strains of *B. Mallei* not represented in our antigen, and at the present time are having one prepared from eight strains of organisms isolated at the laboratory from cases occurring in Boston.

Up to the present time the blood offers the best means by which the spread of glanders can be controlled and the tests represent the most advanced knowledge of biologists. Glanders is a disease which levies an extremely heavy tax on horse owners, but by cooperation between the public, owners, veterinarians and health authorities this disease with its consequent loss can be reduced to a minimum.

This is an end well worth striving for and its accomplishment will constitute an epoch in the control of contagious diseases.

In concluding I wish to express our appreciation to the Bureau of Animal Industry for their aid not only in furnishing us with some of the materials for the tests but also for their hearty cooperation and advice.

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Respectfully submitted,

B. L. ARMS, M. D.

BACTERIOLOGICAL LABORATORY, 30 HUNTINGTON AVE., Room 517.

REPORT OF MILK INSPECTOR.

BUREAU OF MILK INSPECTION,
30 HUNTINGTON AVENUE, BOSTON, MASS.

To the Board of Health:

GENTLEMEN,— I have the honor to submit the following report for the year ending January 31, 1912.

The total number of samples collected and examined was 21,331, as follows:

Number of samples of milk from wagons	6,564
Number of samples of milk from stores	5,087
Number of samples brought in by citizens	610
Number of samples of milk (bacteriological)	7,311
Total milk samples	19,572
Number of samples of vinegar	899
Number of samples of butter, cheese and oleomargarine	692
Number of samples of ice cream (bacteriological)	168
Total samples	<u>21,331</u>

Fewer samples were examined by 2,323 than were tested in 1910, when 23,654 specimens received attention; the total for 1911 was 21,331. This latter figure may be further increased by 1,152 recorded inspections of premises, methods and conditions, making the total for the year, 22,483. The income was larger than last year, the total being \$8,724.50, divided as follows: Fines, \$6,075.40, and license fees, \$2,502.50. The increase over the previous year was \$241.60.

The fact that a smaller number of samples were examined than in 1910 does not indicate that less work was involved, as more time was required in attendance at court than has been necessary in any previous year. In one sense this is to be deplored, as the energy devoted to these causes could be well expended in other directions. While the idea is revolutionary and foreign to prevailing practice, it would be of advantage in many ways if some

other means could be adopted for legally adjusting the differences which arise from the finding of infractions of the various laws which this Bureau is engaged in enforcing rather than to resort to court prosecutions, with the attendant delays and outgo of energy necessary in such proceedings. In view of present beliefs and methods it is questionable if a satisfactory solution of the problem could be evolved for supplanting the existing system. But if some plan could be devised which would take its place, as good if not better results could be obtained for the consumer and at the same time cause less friction on the part of dealers.

The quality of milk sold during the year, based upon its chemical constituents, was excellent and compared favorably with the output of recent years. During the extreme hot weather in July, when there was a great and long continued shortage of milk, the character of this commodity continued good. This fact should be a source of congratulation to the milk consumers of this city, as well as complimentary to those responsible for the supply. Despite the unparalleled demand for milk, the great shortage, and the tremendous temptation for adding water, with few exceptions the product sold, although small in amount, complied with the requirements of the law. This is a condition which could not have been duplicated in the early history of milk inspection in this state.

There were other periods during the year beside that mentioned above when there was a scarcity of milk arriving here, but the difficulties at such times were not as pronounced as in July. The problem of providing an adequate amount of good milk during extreme and continued hot weather is a serious one and not appreciated by milk users, and the magnitude of this issue is yearly increasing. This is one cause for the constant extending of the distance from which milk is brought to this city. To provide for emergencies it is necessary, when possible, for dealers to carry a surplus at all times of the year, and this, with butter at low prices, often proves a burden to the trade which is not given adequate consideration by the community. This feature of the subject, however, is not beset with the troubles which arise from the attempt to obtain an ample supply during prolonged shortage periods.

In the report for 1909 mention was made of the milk used in the production of cream as to its bearing in

decreasing the available milk supply of this city. At that time it was pointed out that as the sale of cream is constantly increasing, the obtaining of enough milk for the future called for serious consideration. It was then estimated that it required for the production of Boston's daily cream supply an amount of milk which equalled 39 per cent of the quantity of the latter fluid consumed daily. Since then the consumption of cream has increased, and more milk is now utilized for this purpose than formerly. This employment of cream not only has an important relation to the milk situation, but is also a factor of magnitude in the manufacture of butter. The recent high prices for this latter commodity can to an extent be attributed to the large use of cream and ice-cream during the last summer. Butter prices were no doubt also stimulated by the unprecedented hot weather and the conversion of much milk, which was formerly turned into butter, into condensed milk. By reason of such utilization the obtaining of enough milk and at reasonable prices for the different forms in which it is sold affords a problem of constantly increasing magnitude.

The effort to stamp out the sale of milk, with which skimmed milk has been mixed, or from which a part of the cream has been abstracted, mentioned in the last report, has been continued with successful results. In all, twenty-seven prosecutions, on account of milk indicating a deficiency in fat, were brought to the attention of the courts. A majority of these actions have been settled, and were all decided in favor of the government. In only a few instances has it been found necessary to bring more than one case against the same dealer, which lends weight to the belief that in most of these prosecutions the quality of the milk was known to the seller. In any event a way was discovered to avoid numerous repetitions of the offense. It is clear that the prevailing fat standard is too low, and with milk rich in fat an opportunity is offered for manipulations of the kind described above. This, while profitable to the dealer, if undetected, is unfair to the consumer and robs him of a part of his food supply to which he is entitled. The standard for fat in milk should be increased to such an extent as to effectually check admixtures with skimmed milk or removal of cream.

There was a marked freedom from watered milk during the year and this form of adulteration, formerly extensively employed, has practically ceased. This

substantial immunity from dilution is not in accordance with the views of many, but is a condition worthy of appreciation.

Incidental to the collecting of samples for examination, attention is given, so far as comes under ordinary observation, to insanitary or improper methods and surroundings in connection with the sale of the food stuffs under the control of the Bureau. This work is based on the reports of its employees. Immediate endeavor is made to correct faulty practices either through the agency of letters or by requiring the dealer to come to this office. Such effort is usually successful, as shown by subsequent inspection. This branch of the service is of importance and necessitates much attention to details, but has been of aid in bringing about improved conditions.

The nature of these efforts is varied, as can be seen from the partial list which follows: Unmarked vehicles; holes in milk can covers which allowed access of dirt and ice water (these holes had been punched in the covers by producers in order to lessen the difficulty of placing the covers on the cans); insanitary handling of milk caps; dirty bottles and cans; bottling milk in a restaurant; filling of containers on a sidewalk; selling milk from a pail; milk which arrived from the country sour; use of emaciated cow with a lame leg at a dairy; misuse of containers; shipments of milk in baggage cars; filthy stoppers; improper washing of buttermilk glasses; undisplayed license; uniced milk, and milk high in bacteria.

These illustrations indicate that most of the subjects considered were such as to need checking, and that their proper regulation could only result in benefit to the food supply.

LICENSE LAW.

Good results are being obtained from the law which deals with the licensing of milk dealers, as under its provisions it is possible to better control those who are handling this commodity than was formerly possible under the old law. By the existing arrangement it is feasible at least once a year, by a minimum expenditure of labor and cost, to secure a fairly accurate list of shopkeepers who sell milk. It would be incorrect to assume, however, that the present plan does not involve much work, for with the large number of dealers engaged in the sale of milk in this city a system of card

cataloguing is necessary for simplifying the labors of the Bureau in various directions throughout the year. The bringing of this catalogue system up to date each year requires much time, but once completed it adds greatly to the efficiency of future endeavors. May and June are the two months when most of the applications are received for licenses and during that period in 1911, 3,716 licenses were granted and applications for many more were handled. The above figure shows that 673 more licenses were granted in the above two months than in the corresponding period in 1910. That this amount of extra work is transacted in a busy office in so short a period with only a slight increase in the working force is complimentary to the regular employees.

During the year \$2,502.50 was collected for license fees, and this sum is \$5 less than was received in 1910. The above amount represents 5,005 licenses, and at this time there are 4,226 licensees engaged in the sale of milk or oleomargarine in this city. This means that 779 of those who originally applied for permits are no longer in the business. A goodly portion of these latter were granted for shops which are now under the control of new owners and licensees.

It has been found difficult to impress upon shopkeepers the importance of renewing their milk licenses, even though upon each permit the time of its expiration is prominently displayed. In April of each year, although not required by law to do so, notices are sent every dealer informing him that his license must be renewed before the first day of June. Experience has shown that even this is not effective in causing all of the dealers to take out permits, but a majority apply during the intervening month of May. About the first of June another notice is mailed to the delinquents, which conveys the information that milk is being sold contrary to law. Even this action does not bring the desired result, as a considerable number of the dealers neglect to apply for permits despite this warning. It has been found necessary each year to deal with these by means of court proceedings. It would be a saving of both time and money to shopkeepers if they would avoid the necessity of having this course pursued. Last year there were eighty-four cases before the courts for the sale of milk by unlicensed dealers, and in all but two instances the defendants were shopkeepers.

The necessity for a change in the system of license fees for wagon dealers still exists. A continuation of the present plan, in view of the method under which the business is conducted at the present time in this city, is an absurdity. The existing license fee of 50 cents, as previously pointed out, was adopted when it was the exception for a milkman to use more than one wagon in his business. Since then has come the consolidation era and now a few firms, eight in number, run 326 wagons, or 49 per cent of the vehicles operated. These firms pay license fees amounting to \$4; under the old arrangement, *i. e.*, before the amalgamation of interests, the above number of wagons would yield an income of approximately \$163. Last year 666 wagons were employed in the delivery of milk in this city and in former times would have yielded license receipts of about \$333. The last mentioned number of wagons are now owned by 215 concerns, and these pay to the city for the privilege of selling milk \$107.50. Viewing the subject in another light, as will be seen from the following table, 134 dealers pay 50 cents for the privilege of operating one wagon each, while one firm contributes 50 cents to the city for 100 wagons, or $\frac{1}{2}$ cent per wagon. Another concern uses fifty wagons in the delivery of milk, and the 50 cents license fee would make its rate 1 cent for each wagon. Further instances of such differences might be enumerated, but the detailed table renders this unnecessary. It is apparent, however, that there is great divergence in the number of wagons operated for one fee, and in the amount of business transacted under the existing license system.

A license fee should be charged for each wagon, or a total fee permitted based upon a wagon rate, so that every wagon operated should be on the same basis from the fee standpoint. Even if the 50 cents license fee is to be continued, the above change should be made. It is believed, however, that the license fee ought to be increased, and it was shown in the report of 1910 that in some cities wagon license fees of from \$1 to \$10 were required. In several cities the amount of income from milk licenses is considerable. In a large western city, where the license fee for wagons is \$10, dealers are further required to pay a vehicle tax of \$5 for single wagons and \$10 for double wagons. The annual receipts in that city for milk licenses approximate as follows:

From wagons, \$29,000; from stores, \$27,000. The largest concern in the above city pays an annual license fee of about \$4,500.

Furthermore, the present law which exempts the small producer selling less than twenty quarts of milk per day from being licensed is unfair and savors of class legislation. This feature of the license law should be immediately changed, not only from the standpoint of justice to the consumer, but of equity to shopkeepers selling less than twenty quarts of milk per day, and who are now required to be licensed even though they sell not more than one glass of milk per day. Consumers need all the protection which would follow the licensing of such small producers, so that sanitary inspection of premises and methods might be made.

The following list gives the dealers operating one or more wagons:

134 firms use 1 wagon each.	1 firm uses 10 wagons.
48 firms use 2 wagons each.	1 firm uses 18 wagons.
11 firms use 3 wagons each.	1 firm uses 25 wagons.
6 firms use 4 wagons each.	1 firm uses 32 wagons.
3 firms use 5 wagons each.	1 firm uses 44 wagons.
1 firm uses 6 wagons.	1 firm uses 47 wagons.
2 firms use 7 wagons each.	1 firm uses 50 wagons.
2 firms use 9 wagons each.	1 firm uses 100 wagons.

NUMBER OF MILK DEALERS AND QUANTITY OF MILK HANDLED DAILY.

There has been a further decrease in the number of dealers who sell milk from wagons, and in this respect the usual trend has been followed, as every year but one for a considerable period has shown a lessening in the number of this class of dealers. Those who abandon this traffic rarely dispose of their interests to new concerns, and thus through the absorption by established firms of the routes of dealers who leave the business the number of milkmen grows smaller.

Last year there were 259 wagon dealers; 1911 showed a reduction to 254, which is the lowest number yet recorded. By the annexation of Hyde Park 12 wagon dealers not included in the above number came under the control of this Bureau; this addition makes the total of milkmen 266.

The number of shops selling milk is larger than last year; there are now 3,907 such places as against 3,633

noted in 1910. The former figure can be further increased to 3,982 through the addition of 75 shops in Hyde Park.

The quantity of milk handled daily in this city was smaller than in 1910 by 17,615 quarts. The amount dealt in each day approximated 368,466 quarts, and of this quantity 336,472 quarts arrived by railroad. Undoubtedly a portion of the decrease was due to the fact that some of the dealers carried less "surplus milk" than formerly. Some of the railroad milk represents that which is consumed in near-by cities and towns as well as the unused milk which must be carried to supply the varying demand.

The amount of milk consumed daily in this city increased by about 11,168 quarts by comparison with the approximate daily consumption of 1910. This increase may be attributed to a larger per capita use as well as to a growth in population. There can be little doubt that the employment of milk as a substitute for other foods is constantly growing; also that it is destined to be more largely used in the course of time by reason of its nourishing qualities. Approximately, 264,877 quarts of milk were daily consumed in Boston in 1911. Of this, 232,951 quarts, or 87.95 per cent, arrived by railroads; 27,438 quarts, or 10.36 per cent, were transported by wagons, and 4,488 quarts, or 1.69 per cent, were the product of the 455 cows kept within the city limits. The number of cows reported in 1910 was 426. The consumption of milk produced within the city has increased over 1910 by 0.11 per cent, while there is an apparent decrease in the use of team milk by 0.27 per cent. In one sense this latter is not real, for some of the milk formerly freighted by teams is now transported by railroad.

CERTIFIED AND INSPECTED MILK.

There appears to be no material change in the demand for certified milk despite the persistent agitation over clean milk, which from the standpoint of both volume and force should have so impressed a sufficient number of consumers in this city as to have provided a market for all of the milk of this grade which comes here daily. Notwithstanding that this is not the fact, it is true that throughout the United States the production of certified milk is constantly increasing, but its use is not of such volume that the amount of business in this

commodity can be seriously considered. It appears, furthermore, from the past and present attitude of a majority of milk users towards the certified brand, that it will be many years in the future before there will be an adequate number of citizens purchasing this grade of milk to give its production the standing it deserves. This condition is neither complimentary from the standpoint of citizenship nor of justice and fair play. It appears to be tolerably easy to criticise producers, dealers and officials with relation to the milk issue, but some of the most condemnatory are apparently unwilling to buy clean milk, even though it is available. They court the opportunity to give voice to the impossible issue, namely, that officials should force the production of cleanest milk without adequate compensation to farmer and dealer. The proposition to convert iron to gold would be equally tenable. If some of these individuals would talk less and add slightly to their milk expenditures by purchasing some of the clean brands which have been already provided, the result would be beneficial to the consumer and encouraging to those who have seen to it that a clean milk is available for those who will buy it.

There have been adverse comments by reason of the alleged high price of certified milk. This is without reason and unwarranted. The care and expense entailed in conducting a certified milk farm justify the price demanded, and even at prevailing figures many of those producing small amounts do so at a loss. Undoubtedly there are very few who could not afford to buy clean milk, despite the fact that they now consider it impossible, and that it costs more than ordinary milk. Laying aside the dirt issue, clean milk from the health view yields ample returns, and if the truth was known there are not many individuals who could justly make the above claim. In fact they can ill afford to purchase any other type of milk. Investigation would show that much of the money which should be used for good milk is now spent for beer, champagne, fancy millinery and other supposed necessities. A portion of the community aver that the prices demanded for certified milk are excessive. If such critics would only engage in its production the error of this attitude would be quickly and practically demonstrated. It must be borne in mind that certified milk represents the best in the way of milk production, not only in the health of

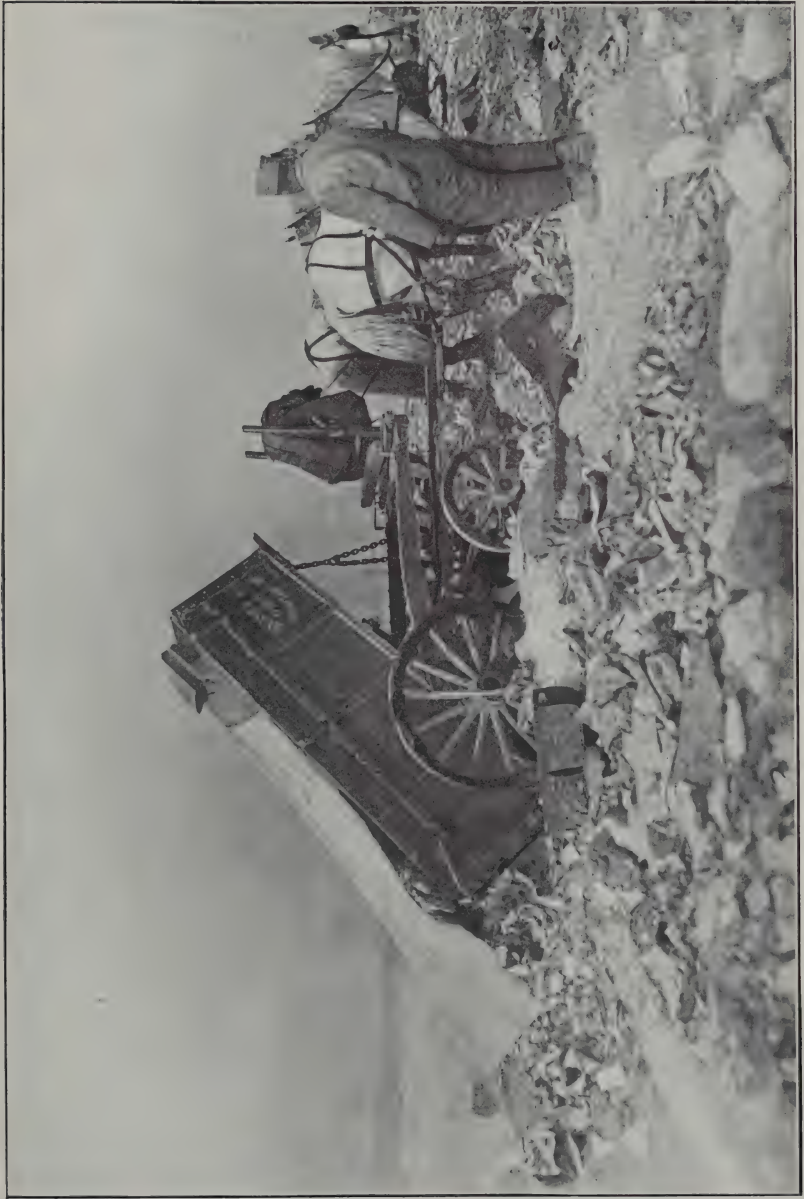


FIG. 1.—DUMP; AND CART IN WHICH BOTTLES FOR BOSTON'S MILK SUPPLY ARE TRANSPORTED TO THESE REPOSITORIES FOR DIRT AND DEBRIS.

animals and individuals but in cleanliness and watchfulness at every step. There is such perfection that the question of scarcity of supply rather than a surplus should be paramount.

In all, six firms are engaged in the sale of this kind of milk in Boston, and fortunately the delivery facilities are such that it is available in every part of the city. The amount consumed daily equals 1,797 quarts, which is an increase of 571 quarts over the amount reported as being used daily in 1910. This represents only 0.68 per cent of the daily supply.

So-called inspected milk is also available, and this is employed to the extent of 14,117 quarts daily, which is 5.33 per cent of the amount used each day. This is a clean type of milk, costing less than certified, and produced under less exacting circumstances. Here the conditions for the most part under which this milk is produced and sold are under the control of individual firms. Bacteriologically this milk is ordinarily well within the limit of 100,000 to the cubic centimeter. The lack of demand for this milk has resulted in discouragement and financial loss to dealers. At this writing and for a long period there has been a daily surplus of this type of milk, even though the selling price is only a trifle over that of the ordinary grade. This presents a shameful condition, namely, that which involves the outlay of energy and expense of its production and handling with no available market for the commodity. This surplus now goes into the ordinary supply, but its disposal by this method involves loss to the dealer. There is the further fact that one firm has demonstrated that despite persistent advertising it has not been possible to create an adequate demand for inspected milk. Under these circumstances it is not surprising that there is a growing sentiment among some dealers to do away with this brand of milk. Such concerns believe, and with justification, that it would be preferable to have only two types of milk, the ordinary and the certified. This attitude, however, is not unanimous, one firm contending that certified milk is not a success and that it could to advantage be supplanted by pasteurized inspected milk. Some of the inspected milk is sold in the pasteurized form and a part of the milk so treated is heated in the bottle in which the consumer receives it. Probably the bulk of the inspected milk is sold raw. A considerable

portion of this milk is used in hospitals and institutions, and cans are used for containers when it is subject to such disposal. One firm asserts that the only increase in use of such milk is in the above wholesale form.

Fourteen firms, the same number as indicated in the report of last year, are equipped for the distribution of inspected milk. That there has been no increase in the number of such concerns is ample proof of the lack of demand for this commodity. Regardless of whether or not the production of certified or inspected milk is to cease, it is time that the absurd condition of a surplus of clean milk in this market was supplanted by one of adequate demand. That such a change would prove satisfactory to consumers from both health and financial standpoints there can be no question. Clean milk drawn from healthy cows and handled with care should always be purchased to the exclusion of that obtained under less exacting conditions.

HEATED MILK.

One additional concern undertook the sale of heated milk during the year, so that there are now seven firms supplying this treated commodity. The firm in question is heating the milk in the bottles in which it is sold, and another company has commenced the sale of milk and cream, which also has similar treatment. The heating is done by either surrounding the bottles containing the milk with water, which is subsequently brought to the desired temperature, or the bottled milk is placed in an iron box and there heated by hot water, which is allowed to spray over the bottles. By this last method it requires about twenty minutes to bring the water and milk to a temperature of 145 degrees Fahrenheit, and then this temperature is maintained for twenty minutes longer. Afterwards an interval of twenty minutes more is necessary to thoroughly cool the milk without endangering the bottles by a sudden change in temperature. This latter firm is also selling milk which has been heated by the above process in the $8\frac{1}{2}$ quart cans in which it is delivered. These are closed with a wooden plug and a paper cover next to the milk. This method of heating this commodity is more expensive than any which has been employed heretofore; it has been estimated that the cost is one-half cent a quart more than where other devices are used. It is claimed that when milk is processed as

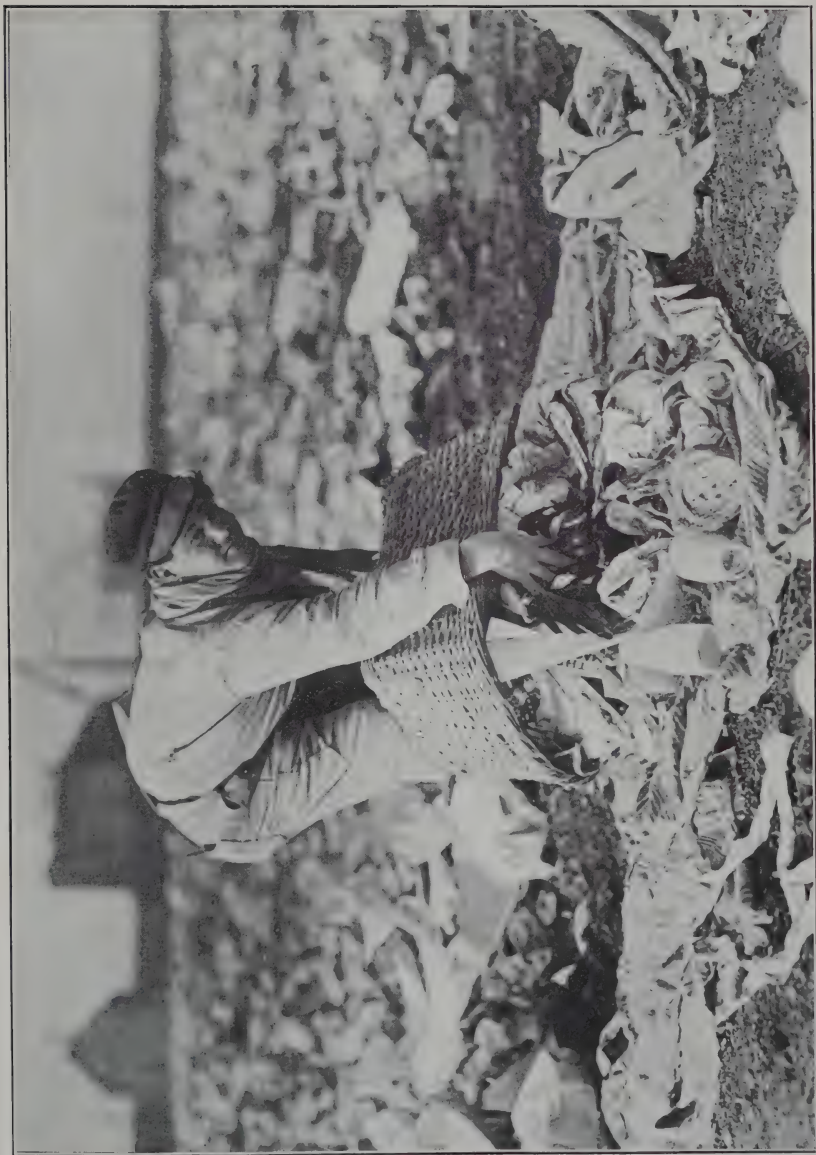


FIG. II.—BASKET COLLECTION OF BOTTLES AND FILTHY WASTE AT A DUMP.

above, the chances of subsequent infection are materially lessened. During 1911 one company replaced its "continuous pasteurizer" with a holding device whereby the milk is heated to 146 degrees Fahrenheit and then maintained at this temperature for thirty minutes; it is then cooled and bottled. By this plan it is claimed there is an average bacterial reduction of over 99 per cent. Another firm has recently supplanted old machinery with modern equipment at one of its establishments, and is now at this plant heating milk to a temperature of 145 degrees Fahrenheit; it is then held for thirty minutes, during which interval the temperature does not fall below 142 degrees Fahrenheit. Subsequently it is cooled to below 44 degrees Fahrenheit in ten seconds and afterwards placed in containers. Glass-lined tanks are employed for holding the milk, and at this as well as at plants belonging to other firms, machines for mechanically capping bottles have been installed and are now in operation. All of the companies who are heating milk in this city are now using modern equipment, and the only concern which is employing the continuous process solely has its creameries in another state. One firm heats the milk at a factory outside the city and then reheats it by the continuous method after its arrival here. This policy of double heating is undesirable; at the same time it prevents the ascertaining of the condition of the milk prior to its first treatment.

The quantity of heated milk sold here daily has materially increased over the output for 1910. The approximate amount of such milk sold each day is 193,400 quarts, which is 73.02 per cent of the supply. Last year about 126,565 quarts were used daily. About 124,040 quarts, or 64.13 per cent of this quantity, is delivered in bottles, which form of container is to be preferred to cans for this commodity, if it be considered upon the basis of least bacterial content. Figures in support of this view may be found under the heading of "Bacteriological Examination of Milk."

This heated milk should bear a label stating the date when treated and the temperature and length of time the heat was maintained.

MILK CANS.

All of the small concerns which began the shipping of milk from the country during the last two years are

employing $8\frac{1}{2}$ -quart cans as containers of this product. With the large companies there has been no wholesale replacement of this size of can, characteristic of New England milk trade, with larger units, but one firm has been slowly substituting for $8\frac{1}{2}$ -quart cans rendered unfit for use by age containers holding $21\frac{1}{4}$ quarts. Much of the milk brought here by the large concerns now arrives in cans holding more than $8\frac{1}{2}$ quarts, and one dealer contends that 40-quart cans should be employed exclusively for the shipment of milk from the country, but admits that there is objection to this policy from New England producers. However, this course would obviate one objection to the use of the $8\frac{1}{2}$ -quart can, namely, its employment by farmers as a container of water. This practice, if long continued, causes the rusting of the cans, which not only brings financial loss to the dealer, but is a detriment to the quality of the milk, as it is difficult to keep such cans clean. One dealer contends that the $8\frac{1}{2}$ -quart can is easier to handle, and that milk so contained is more quickly cooled, and may be kept cold with less difficulty than if in cans of a larger capacity.

At present all cans are washed here by dealers before being sent to the country to be subsequently filled with milk for shipment to this city. There is practically unanimous agreement that this custom has been of great service in improving the supply. However, the sole responsibility for the condition of the cans should not rest with the dealer, as the intention here is to send the cans into the country in the best condition that it is possible to obtain under the methods which have to be pursued in their speedy handling. Under these or other circumstances, cans may occasionally reach the country unfit to be employed to hold milk. In such cases the producer, if he uses them, should see that they are properly cleaned before they are utilized for this purpose. One company has devised and patented a machine for washing cans, whereby the inverted cans are successively treated with jets of boiling water, live steam and hot air. The wooden stoppers are also boiled in water. This method is yielding satisfactory results.

The handling of cans while in the country should receive more attention, whether under supervision by means of the leased car system or controlled by the railroads. Although the cans have to be put off of

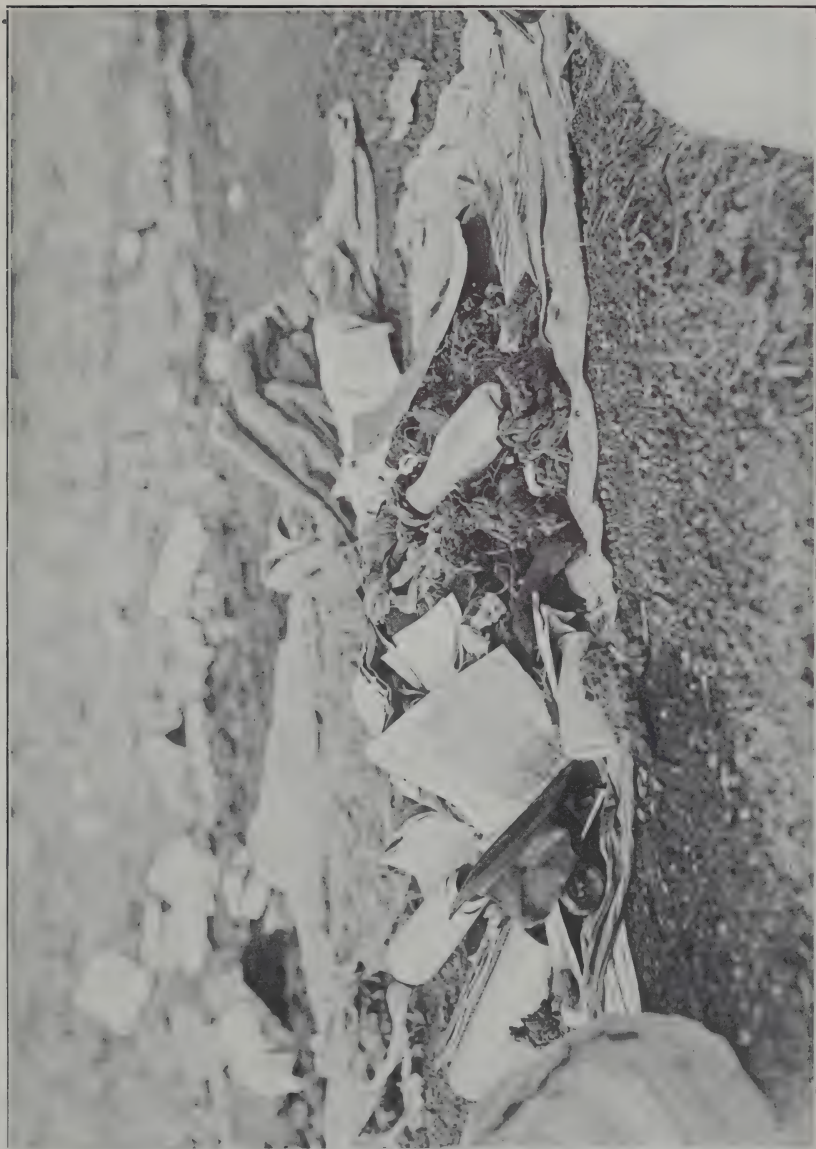


FIG. III.—AN ABANDONED QUILT IN WHICH THE BOTTLES AND WASTE ARE FOLDED AND CARRIED TO
THE PLACE OF SORTING.

the cans quickly, they should not be dumped, as often happens, upon the ground or railroad platforms in heaps, in such a manner that stoppers are lost from the cans. In such cases the stoppers are likely to become filthy, and dirt may find its way into the unclosed cans. Such care should be inaugurated in the handling of cans as would entirely obviate this difficulty.

In the delivery of milk at wholesale throughout the city the $8\frac{1}{2}$ -quart can unit is still employed to a large extent, but the $21\frac{1}{4}$ -quart unit is being used to a minor degree. The $8\frac{1}{2}$ -quart cans closed with a paper cap, instead of the wooden stopper, of which mention has been made in other reports, have been shown to be practicable for the city distribution of milk, and of utility in reducing its bacterial content. These are used, however, by only two companies.

MISUSE OF MILK CONTAINERS.

There has been a further reduction in the number of complaints from dealers for violation of the law relating to the placing of illegal substances in milk containers, although the number of court actions was the same as last year. It is not always easy to procure evidence of the unlawful use of such vessels, which complicates somewhat the further lessening of violations of this law. It is certain, however, that shop and restaurant keepers are exercising more care in this respect and that the prosecutions of the last few years have been productive of good results. Formerly much trouble was experienced with restaurants from the use of milk bottles in the sale of coffee. This practice has been generally abandoned, and many restaurants which cater to trade of this character have procured a supply of containers which are used only in the sale of substances other than milk products. There is carelessness with some shopkeepers concerning the misuse of bottles, and not infrequently they are employed as measuring vessels. Of the eight cases which were brought to the attention of the courts, all related to the misuse of bottles, and cider, vinegar, sweet oil and oysters comprised the list of materials found in these bottles. In two instances the misused vessels were found in restaurants.

There is one part of this problem with which it is difficult to deal from the standpoint of securing evi-

dence, namely, the wrong use of bottles in households. Upon the basis of education it is believed that much has been accomplished in lessening this evil, but there is opportunity for further improvement. This is a subject in which every consumer who desires clean milk should be interested, as a large proportion of the complaints in relation to dirty milk containers are caused by substances which at some time have been wrongfully placed in them and which are not subsequently readily removed by ordinary methods of washing. No consumer who persists in retaining and misusing bottles belonging to milkmen could reasonably complain of dirty bottles when used for milk containers. What is needed is further cooperation from all milk users, whether householders, shop or restaurant keepers, in the care and prompt return to the owners of all milk vessels. By adopting this course one of the large items of expense to the dealer could be avoided and troublesome complaints from unclean milk containers would be reduced to a minimum. Under the present plan, or, more correctly, lack of method in handling milk bottles, the result is an unnecessary expense to the milk user, as the loss from milk containers is paid by consumers. If the system which has been proposed by this Bureau, of charging for all milk containers, was adopted, the cost of milk could probably be slightly reduced, one dealer having asserted that it could be lowered by one-half cent per quart. Thus it can be seen that the consumer, by paying for milk bottles and checking this great annual waste, would engage in an undertaking from which remuneration in the way of lessened milk bills might be anticipated. Something of this great outgo may be realized when it is known that one dealer recently lost 31,000 bottles in one month, and as these cost about four cents each, it can be seen that the item of expense from this source is considerable.

There are certain districts in the city where the loss to dealers from nonreturned bottles far exceeds the average. Some of these vessels are retained by consumers and wrongfully put to uses for which they were not intended. The others are thrown out of doors, and the history of such abandoned bottles is not pleasant to contemplate for those who prefer to use milk handled under proper conditions. The majority of such milk bottles find their way into ash barrels, where they

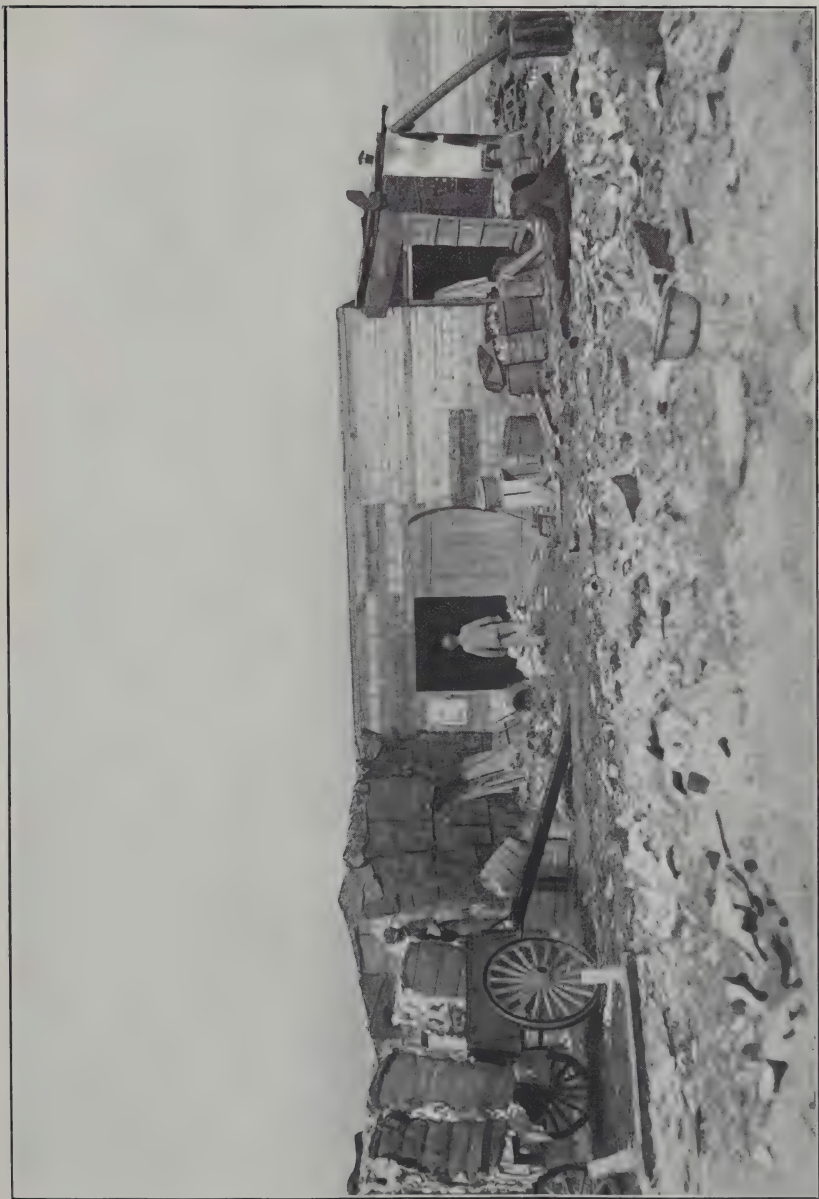


FIG. IV.—BUILDING IN WHICH MILK BOTTLES ARE SEPARATED FROM OTHER COLLECTED MATERIAL AND PLACED IN BARRELS FOR SHIPMENT.

minge and become coated inside and outside with filth and ashes. From these barrels they are dumped into the refuse collecting carts, to come in contact with other kinds of dirt and thus become filthier. Mention was made in the last report of a dump where milk bottles were found. This particular dump was no exception, as milk bottles like those mentioned above may be found at the different city dumps, and under this plan there is further opportunity for contact with new kinds of dirt. At one dump where milk bottles were being collected, rotten poultry, bones in various stages of decomposition, old mattresses and other waste and undesirable material were discovered. These are dairy accompaniments which can be classified as disgusting. This is a condition for which we as citizens are responsible and are alone culpable. How many are there who would care to use milk, one of the most perishable food stuffs, which had been in bottles which had traveled the dump route? Probably not many, and yet there are thousands in this city who daily use milk from such bottles, and undoubtedly some who are not of the class who misuse containers or fail to return to milkmen the vessels which belong to them.

Photographs illustrating some of the methods of handling the neglected milk bottle are reproduced.

Figure I.— This shows the way by which some milk bottles, together with waste and dirt, are carried to dumps. As one use of a milk wagon is the transportation of empty bottles, a vehicle like that in the picture might be also considered as a milk wagon, a product of the present age.

Figure II.— This depicts the dumping of the bottles and dirty débris from the collection basket upon an old, abandoned and unclean quilt.

Figure III.— An illustration of a pile of this accumulated dirty waste with milk bottles upon a comforter or quilt, in which this material is later folded for transportation to a shack for sorting.

Figure IV.— In this building, and under conditions which would not be tolerated in any dairy, bottles for subsequent use in the milk supply of this city are sorted from other dump material and packed in barrels ready for shipment to the Milk Package Exchange.

Figure V.— This machine is at the headquarters of the Milk Package Exchange and is used solely for the washing of milk bottles collected at dumps.

From the dumps the bottles find their way to the original owners. Formerly they were delivered directly, but now they are collected by the Milk Package Exchange. This concern pays the operators of the dumps for the bottles, and last year it expended for this purpose \$2,543.96 for 381,639 bottles. This is at the rate of over 1,000 bottles per day. Such bottles were formerly washed by the milkmen, but recently the owners of the Milk Package Exchange installed a bottle washing machine, which is now operated exclusively to remove filth and ashes from dump bottles. The milkmen compensate the Milk Package Exchange for this collection service, as well as for returned bottles from other sources. Besides the above 381,639 bottles, the Milk Package Exchange collected in its wagons from small dealers 300,723 bottles, and the large contracting firms by means of their own wagons returned to the Exchange 1,702,096 bottles, making in all 2,384,458 bottles handled in one year. This represented an enormous and uncalled-for waste of energy.

While it is believed that there should be a charge for all milk bottles, it is probably true that much of this loss comes from the sale of milk in bottles by shopkeepers. To check this outgo, a method of charging for bottles used in the sale of shop milk should be immediately inaugurated, and if milkmen do not care to put a plan in operation for exacting payment for the containers which consumers are now using, then the use of a universal shop bottle, which has been extensively advocated, should be commenced. If the idea of employing one style of bottle by all milkmen for the sale of shop milk was adopted, there would be immediate responsibility for all packages used, as milkmen would charge store dealers for every bottle, and the latter would in turn exact payment from the consumer. The result would be that each would obtain his money when the bottles were returned, and a tremendous loss, for which the consumer is now charged, would be immediately checked. The trade was almost on the point of adopting this form of package on one occasion, but petty fear of losing a commercial advantage gave the scheme a temporary setback. The idea is still under consideration, but the time for placing it in operation should not be long delayed. This plan would mean better milk with no more and perhaps less expense to the consumer.



FIG. V.—BOTTLE WASHING MACHINE USED EXCLUSIVELY FOR THE REMOVAL OF DIRT AND ASHES FROM MILK BOTTLES COLLECTED FROM DUMPS. THESE BOTTLES ARE SUBSEQUENTLY EMPLOYED IN THE DELIVERY OF MILK.

CLEANING OF MILK VESSELS.

Milkmen are agreed that marked advancement has been made in the matter of having milk vessels cleaned by consumers and shopkeepers before they are returned to the dealer. The agitation to bring about this condition has only been in progress a comparatively short time, but the results have been excellent. The gain appears to be progressive, and each year denotes further improvement. This has followed the attempts which have been made to direct the attention of the public to this evil, in which the regulation of the Board of Health requiring the cleaning of all milk vessels as soon as emptied has had no small part. In the enforcement of this regulation it was only found necessary during the year to bring a small number of cases to the attention of the courts. All of the prosecutions for the violation of this regulation during the several years of its existence have been brought against shop and restaurant keepers.

Unfortunately the householder is practically immune from such court proceedings, as there is difficulty in procuring the evidence necessary for conviction. The responsibility of attention to this detail of cleanliness rests as much with consumers as with storekeepers, and in fact there is more reason to expect its observance from the former than from the latter. It is a subject of importance to every person, regardless of their walk in life, who desires clean milk supplies; and justice to other milk users and the dealer, irrespective of regulations or attempts to educate the public, should compel the strict application of this principle to all milk containers. If there could be thorough cleaning of all milk vessels together with their prompt return to milkmen, two of the great city evils and elements of unrest would be eliminated from the milk business. These are some of the unnecessary factors for which people are taxed by milk dealers, and enter to no small degree into the fixing of the present prices charged for this commodity.

To direct further attention of milk users to the importance of proper care of milk vessels, and their prompt return to milkmen, a circular, which was published in the last report, was distributed through the agency of dealers to the extent of nearly 130,000 copies. It is believed that this undertaking had a salutary influence in lessening the troubles which follow the lack of cleaning, the misuse and nonreturn of cans and bottles.

REGULATION CONCERNING THE SALE OF SHOP MILK
IN TIGHTLY CLOSED RECEPTACLES.

In the action mentioned in the last report which involved the question of the legality of the regulation of the Board of Health prohibiting the sale of "loose milk" in shops, it was finally decided by the Supreme Court that the Board had exceeded its authority in adopting this measure. This decision not only settled the fate of one case, but also the prosecutions against other defendants.

Although defeated on the legal issue, from the moral and educational basis sufficient advance was made, through the effort expended in behalf of this regulation, to more than repay the outgo of energy. By reason of the contest to secure the adoption of this measure, and the stand taken by the authorities regarding the sale of shop milk in accordance with its provisions, a majority of both consumers and storekeepers became convinced of the advantages resulting from the sale of milk in shops by this method. At this time, although there is no regulation requiring it, the bulk of shop milk (probably on a conservative estimate from 60 to 70 per cent) is sold in bottles, and to the great satisfaction of both the public and store owners. That this will continue to be a permanent condition appears to be assured. Thus the legal victory for the defence was from a practical basis fruitless, for the principle for which those favorable to the regulation were contending had so impressed itself upon a majority of citizens as to give it the force of a law through the agency of custom, long before the court's decision was rendered. Even those milkmen who were most strenuous in their opposition to the regulation are less firm in their belief in the advantages accruing from the sale of "loose milk" in stores, and it is known that the insanitary features governing the sale of "loose milk" in shops have never so impressed themselves on this class of dealers as since this finding of the Supreme Court. It is believed that a satisfactory solution of the problem involving the loss from bottles which results from the sale of shop milk in this manner, or the use of a satisfactory single service container, would, even with this minority of milkmen, cause a complete cessation of the sale of "loose milk" in shops.

The chief obstacle to the sale of milk in stores is the

tremendous and unwarranted financial outgo which must be borne by milkmen through the loss from non-return of bottles. This subject has been discussed in another portion of the report, but the condition, which is one founded solely upon petty trade jealousies, should be checked immediately. For its continuance milkmen alone are blamable.

Partially through the sale of more milk from tanks and coolers since this decision, there has been an increase in the number of store milk specimens with high bacterial content over last year's findings. The sale of milk in this manner is also responsible for a larger number of samples of milk from shops being materially deficient in milk solids and fat than were found in 1910.

Briefly the advantages to the consumer from the sale of bottled milk are, a supply less likely to infection, cleaner, and with a lower bacterial content, and more uniform in respect to its chemical constituents; for the shopkeeper the plan provides a method for the handling of milk in a cleanly manner and one which is less likely to involve him in conflict with the authorities, either from the sanitary condition of the milk or through lack of the legal amounts of milk solids and fat, which latter is likely to result through the imperfect mixing, which often accompanies the sale of "loose milk" in stores. For the milkman the only disadvantage is one for which he alone is responsible.

The decision of the Supreme Court has been followed by some criticism of the Board for adopting this regulation, *i. e.*, for exceeding its power, and these comments have savored of the theoretic rather than the practical type. Those who took the Board to task should understand that the only feasible plan of determining the legality of a regulation of this kind is to adopt and enforce it. Then if some aggrieved party desires to contest the question, it may be considered by the courts. In considering this regulation, however, the legal aspect was not neglected and the Board had reason to believe from the opinions secured that it would receive legal sanction. Because of this, and the further opinion that the sale of "loose milk" was detrimental to public welfare, the regulation was adopted.

The great improvement shown in the condition of store milk by the report of last year on both the bacteriological and chemical basis, which followed the compulsory sale of this commodity in bottles, was so marked as

to amply prove the wisdom of your Board in endeavoring to bring about the sale of shop milk in this manner. This gain, although anticipated and predicted by the sponsors of the regulation, was so pronounced as to successfully controvert criticism of the course of your Board.

The full text of the decision of the Supreme Court in relation to this matter will be found in the Appendix.

INVESTIGATING COMPLAINTS.

This feature of the service is becoming of greater importance each year, and the number of calls requiring the expenditure of energy in this direction is increasing annually. Formerly complaints such as are now received almost daily were unknown, and those which were brought to the attention of the Bureau related almost wholly to the alleged poor quality of milk. From this, which could not fairly be considered a beginning, the scope has widened materially and the character of these grievances is at this time constantly broadening.

This condition undoubtedly reflects a growing keenness in the public mind relative to the quality and methods of handling of food supplies. In its direct bearing upon the milk problem, it indicates that the efforts which have been put forth in the past in the endeavor to educate consumers upon the basis of cleanliness in this product are beginning to accomplish good results. Upon this substantial foundation marked future betterment in the quality of milk supplies may be anticipated.

This interest on the part of milk users will serve as a powerful lever with both dealers and producers. It has already been fruitful in checking many undesirable customs, some of which, considering the many individuals connected with the sale of this commodity, might not otherwise have been given early official notice through not having been brought to the attention of the authorities. Thus, although these complaints increase the duties of the office, this auxiliary public oversight is welcomed, as it is an aid toward the clean milk movement which is constantly becoming more firmly established.

Many citizens call at this Bureau to register their complaints, while others resort to the agencies of the mail and telephone. Not infrequently those received

from the two latter sources are anonymous. Regardless of this latter condition all are given as prompt attention as possible. Usually these protests are well founded and frequently the investigations are followed by a pronounced betterment of conditions.

That the list of complaints is being constantly extended can be seen from the following examples, which represent only a portion of those received: Quality of milk, buttermilk, condensed milk and butter; manufacture of butter in a store in which people lived; storage of milk in a tenement and the sale of milk from an unlicensed basement kitchen; leaving bottled milk unprotected outside a store; filling milk bottles on teams and in stores; keeping cows in this city under insanitary conditions; dirty milk and cream and dirty bottles; flies in milk bottle; sale of "a mixture of acids" as vinegar; misuse of milk bottles and cans; dirty ice cream store and dirty milk wagon; milkman on wagon drinking milk from a bottle of milk; improper methods of washing milk glasses; "poison" in milk; and serving oleomargarine in a boarding house.

In many instances the facts indicate that dealers are not the real offenders, the actual culprits having been consumers. This is most pronounced in the matter of complaints relating to dirty milk bottles and to the misuse of milk containers.

The continued aid of the public is desired in all problems which can properly come within the province of the Bureau, and where a prospect of improvement is possible.

DAIRY INSPECTION.

The endeavors in this direction have been devoted to a consideration of the dairies referred to the Bureau by the Dairy Division, which was established by your Board during the year. For the most part this work has been confined to the handling of places where the production conditions were such that it was deemed necessary to exclude the milk from this market. This created a different state of affairs from that which formerly existed, where the bulk of the dairy work which came under observation was the result of inspections and reports by the State Board of Health. Now all such reports from this source go directly to the Dairy Division.

Practically all of the dairies from which the milk

was ordered excluded were the result of second inspections and some were of third or fourth inspections. This means that the owners of these farms had neglected to correct faulty conditions after having been given an opportunity to do so. Under such circumstances the plan of exclusion seems the only one to pursue, and this policy has in general been productive of good results, and the milk at farms given such consideration is now produced under better surroundings than those which formerly existed. In a few instances milk was excluded because the owners of farms would not permit the representatives of the Dairy Division to inspect their premises. Some of the other principal reasons for the exclusion of milk from dairies from this city were: Unclean cows, unclean tieup, barn insufficiently lighted, pigs or hens kept in barn, milk cooled in trough from which cattle or horses drink, manure allowed to accumulate in barn or barnyard, milk strained in barn, no milk room, milk uncollected for more than twenty-four hours, faulty drainage, utensils not properly cleaned and inverted in pure air when not in use, and horse manure or sand used for bedding.

The fact that milk was ordered to be excluded from this city does not mean, as would generally be supposed, that in all instances the farmer was deprived of a market for the sale of his milk. While no one would from choice wish such a misfortune as a loss of market to be visited upon any individual, there appears to be no other feasible method for accomplishing the quick cleaning up of dairies (where the farmer desires to continue in the production of milk), than to adopt this plan. Where licensees have been ordered to stop the sale of milk in Boston from objectionable dairies a variety of results has followed. In some instances there has been the fullest cooperation with the Bureau and the milkmen concerned stopped purchasing the condemned milk immediately. This was followed by many of the farmers correcting the reported faults, and permission was then granted to resume the sale of the milk from such places in this city through the original source. At other times farmers have apparently felt aggrieved by reason of the milkman refusing to purchase their milk on orders from this Bureau, and have, after making their places acceptable upon the sanitary basis, commenced the sale of their milk to other milkmen. With another

class of farmers, excluding their product from this market has resulted in the milk being sent to some other city, either in or outside this state, or to some creamery to be manufactured into cream or butter, and at most of the dairies in this latter class the recommendations as to sanitary improvements have been absolutely ignored. With other milkmen, excluding the milk of a dairy from this city has meant either that the product would continue to be purchased by these dealers and transferred for sale to some nearby city, or that the dealer would use the milk from the condemned farms in the manufacture of cream or butter. Unfortunately the majority of the excluded dairies have been handled in the latter manner, and under such coddling treatment dairymen do not show that earnestness in putting the suggestions of the Board into operation which follows where a market is unavailable. Another objection to this latter plan is that other cities receive the milk which is being produced under conditions which would not be acceptable here. It is not usual for this Bureau to know the actual market in which this milk is being sold, but where trustworthy information is at hand from any reliable source concerning such outlets, the health authorities of the city in which the milk was being consumed were made acquainted with the details by this Bureau. At times there has been reason to believe that this mode of procedure has not been followed by the institution of the necessary improvements at the dairies in question, or that there was any exclusion of milk by authorities subsequent to the issuance of facts from this office. In a few instances there was evidence that the receipt of such information was appreciated, and this Bureau was later fully informed of the action which subsequently followed. Where excluded milk finds its way to creameries there appears to be little which can be done under existing conditions to stop its sale. Wherever milkmen lose the milk from an excluded dairy by reason of its being sold to another dealer in this city or to some other market, a feeling of dissatisfaction is likely to ensue, which is one incapable of adjustment from the standpoint of the original purchaser. There have been instances where milkmen have not stopped the purchase of excluded milk, but have used it for creamery purposes or to sell to consumers in other cities, in

order to prevent the milk being sold to other dealers, and to give the farmer further opportunity to correct reported dairy faults. Meanwhile the milkman would endeavor to have the insanitary features removed. This policy has not always been followed by the desired results, as some of the farmers have refused to make the necessary improvements and have later disposed of their product elsewhere, much to the disgust, as above outlined, of the interested milkmen.

It seems unfortunate from any aspect of the case that the authorities have so little control of the market for milk produced under insanitary conditions, and until a method is adopted which places an effectual check upon the present available outlets, the institution of necessary changes at every condemned dairy will be impossible.

Another feature of milk production which yearly calls for more serious consideration is that the list of farmers who have decided to discontinue this branch of the farming business is constantly increasing. This phase of the situation upon the side of the consumer and dealer is serious at the present time, and it is destined to be of greater importance in the future. It can be said, however, in this connection, that when farmers feel that they are amply compensated for the production of milk there will be an immediate elimination of a dearth of supply. In this problem the price and labor issues have by many been thought to be the only factors from the farmers' standpoint. This is not the only influence, as the manufacturers of fertilizers have been active in imparting information, not only as to sources of plant-growing materials but as to some of the modern methods of crop handling, which operates to make the keeping of animals for the production of manure less of a necessity than it was formerly thought to be.

In another sense there has been lack of cooperation on the part of dealers in connection with the handling of this problem of dairies from which the milk had been excluded, and that is the difficulty of obtaining information from dealers. This work, based upon the minimum of labor necessary, is considerable, but the follow-up system which had to be pursued in order to obtain the desired facts multiplied the outlay of energy many times. The prompt supplying of requested data by every dealer would be a saving of time for both dealers and the Bureau.

That the work of inspection has been followed by improved dairy conditions is apparent, and it is anticipated that the future gain in this direction will greatly exceed that of the past. A summary of the dairies considered follows:

Number of insanitary dairies referred to this Bureau by the Dairy Division in 1911	1,207
Number of dairies reported by dealers as complying with requirements	472
Number of dairies excluded by order of this Bureau on account of insanitary conditions	435
Number of dairies excluded by dealers for failure to comply with requirements	7
Number of dairies where all improvements have not been made and where producers have stopped shipping milk	244
Number of excluded dairies allowed to resume shipment when insanitary conditions had been corrected	124
Number of dairies where improvements are still pending (in some of these a part of the suggested changes have already been made)	181

BACTERIOLOGIC EXAMINATION OF MILK.

The results from the continuance of bacteriological investigations of the milk supply of this city are encouraging, and while the findings fluctuate from year to year, it is believed that constant progress is being made despite the fact that a yearly betterment on the percentage basis is not always demonstrable. Improvement must necessarily come from this work, as each finding of a high count is followed by an investigation, and these activities oftentimes reach back to the original source from which the milk was obtained. This usually discloses the cause for the poor condition of the milk, and, regardless of whether or not this is shown, these inquiries generally result in more precautions being taken in the production methods and subsequent care of the milk. Thus the necessity for the better handling of milk supplies is being impressed upon shopkeeper, milkman and producer. Consequently the systematic and persistent bacteriologic examination of the supply serves as an effective means of improvement. The commencement of this effort for breaking away from old conditions dates from the active employment of the dual standards of your Board relative to the bacteriological content and temperature of this product. Viewed

in this light, although the amount of energy expended was large, the results have been such as to warrant the conclusion that from this beginning much may be expected in the future.

In 1911, 7,311 samples were examined, and this is the largest number tested in any year since these investigations were begun, and exceeds the work of last year by 654 tests. More specimens were procured from contractors by 1,470 than were collected from this source in 1910, the total from these car samplings numbering 4,794. The usual custom of issuing warnings where high counts were discovered has been followed, and the total number of notices so issued was 544, which is 160 less than were sent out last year; 262 of these warnings were issued to those who were bringing milk here by means of railroads, and were by these latter later distributed to the producers from whom the milk was obtained. The balance were sent to milkmen and shopkeepers.

The quality of the milk obtained from contractors is indicated in Table I.

Table I.—Bacteriologic Examination of Milk Samples from Contractors. Taken from Cars on Arrival.

BACTERIA PER CUBIC CENTIMETER.	Number.	Per Cent.
Under 50,000.....	3,056	63.74
50,000 to 100,000.....	445	9.28
100,000 to 200,000.....	678	14.14
200,000 to 300,000.....	47	.98
300,000 to 400,000.....	45	.94
400,000 to 500,000.....	30	.62
Total under 500,000.....	4,301	89.70
500,000 to 600,000.....	69	1.46
600,000 to 1,000,000.....	117	2.44
1,000,000 to 3,000,000.....	140	2.92
3,000,000 to 5,000,000.....	41	.85
5,000,000 to 10,000,000.....	58	1.21
Above 10,000,000.....	68	1.42
Total above 500,000.....	493	10.30
Totals.....	4,794	100.00

The milk from this source is decidedly better than that procured in 1910. This showing is remarkable considering the extreme hot weather of last summer and the distant and unusual sources from which some of the milk was obtained during that period. Consumers will be fortunate if under similar conditions the findings of this year are duplicated. While the total percentage of samples is greater than last year, there is a gain in the percentage of specimens under 50,000 bacteria per cubic centimeter, and also in respect to the percentage of samples below 200,000 per cubic centimeter. Of these latter there were 87.16 per cent, as compared to 83.66 per cent in 1910. This indicates the good quality of the bulk of the milk as it arrives here, and points to the possibilities which would follow from the consumers' standpoint if there could be a quick delivery of this milk to householders. Table I. shows that 89.70 per cent of the samples complied with the standard, while 10.30 per cent were found with over 500,000 bacteria per cubic centimeter.

This showing is especially gratifying in view of the fact that much of the milk by the present system of transportation was brought here under the supervision of men who were employed by the railroads, and not controlled by the contractors, a fact which these employees have frequently demonstrated during the year to the disadvantage of the supply. With the lack of interest and consequent inattention which arose from this state of affairs, the character of the milk, notwithstanding these adverse circumstances, is an indication which points to the possibilities of a better percentage for the year if the milk while in transit had received the proper care.

There is another feature of this work which should be given more thought, namely, that there is a small portion of the milk which arrives here in such condition as to indicate that undesirable methods of production or handling, or both, are being pursued. Such milk should receive more of the attention of wholesalers, in the endeavor to bring about improvement, than is given that portion which is of better quality. Where such betterment is found to be impossible, there must be an elimination of these supplies from this market. Unless this step is taken, a further marked improvement in the percentage of milks complying with the standard will be delayed.

Table II.—Bacteriologic Examination of Milk Samples from Individual Contractors. These Specimens Considered Collectively in the Preceding Table.

	A.		B.		C.		D.		E.		F.		G.		H.		I.		J.	
	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.
BACTERIA PER CUBIC CENTIMETER.																				
Under 50,000	165	72.09	424	61.27	260	69.89	355	59.07	428	61.40	205	65.29	419	62.91	72	66.06	48	64.00	33	63.46
50,000 to 100,000	22	9.69	62	8.96	36	9.68	51	8.49	58	8.32	29	9.23	65	9.76	11	10.09	6	8.00	5	9.61
100,000 to 200,000	37	16.30	91	13.15	50	13.44	82	13.64	100	14.35	46	14.65	95	14.27	18	16.51	10	13.34	9	17.31
200,000 to 300,000 .....	.....	.....	6	.86	5	1.34	4	.67	4	.57	7	2.23	7	1.05	1	.92	1	1.34	.....	.....
300,000 to 400,000 .....	.....	.....	7	1.01	3	.81	7	1.16	5	.72	5	1.59	4	.60	2	1.83	1	1.33	.....	.....
400,000 to 500,000 .....	.....	.....	7	1.01	1	.27	9	1.50	2	.29	2	.64	2	.30	.....	.....	.....	.....	.....	.....
500,000 to 600,000 .....	.....	.....	15	2.17	3	.81	8	1.33	11	1.58	3	.96	9	1.35	4	3.67	1	1.33	1	1.92
600,000 to 1,000,000	2	.88	29	4.19	6	1.61	13	2.16	20	2.87	2	.64	20	3.00	1	.92	3	4.00	2	3.85
1,000,000 to 3,000,000 .....	.....	.....	24	3.48	6	1.61	31	5.16	23	3.30	5	1.59	21	3.16	.....	.....	3	4.00	.....	.....
3,000,000 to 5,000,000 .....	.....	.....	8	1.16	1	.27	10	1.66	9	1.29	4	1.27	3	.45	.....	.....	1	1.33	.....	.....
5,000,000 to 10,000,000	1	.44	9	1.30	1	.27	16	2.66	15	2.15	2	.64	10	1.50	.....	.....	.....	.....	2	3.85
Above 10,000,000 .....	.....	.....	10	1.44	.....	.....	15	2.50	22	3.16	4	1.27	11	1.65	.....	.....	1	1.33	.....	.....
Total under 500,000	224	98.68	597	86.26	355	95.43	508	84.53	597	85.65	294	93.63	592	88.89	104	95.41	66	88.01	47	90.38
Total above 500,000	3	1.32	95	13.74	17	4.57	93	15.47	100	14.35	20	6.37	74	11.11	5	4.59	9	11.99	5	9.62
Totals	227	100.00	692	100.00	372	100.00	601	100.00	697	100.00	314	100.00	666	100.00	109	100.00	75	100.00	52	100.00

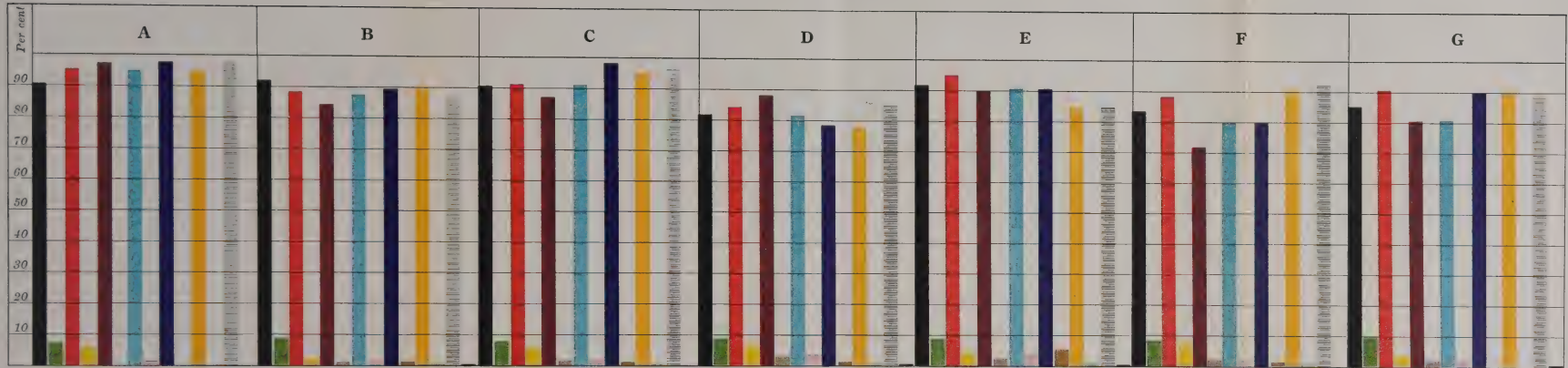
Table II.—Bacteriologic Examination of Milk Samples from Individual Contractors.—*Concluded.*

	K.		L.		M.		N.		O.		P.		Q.		R.		S.	
	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.
BACTERIA PER CUBIC CENTIMETER.																		
Under 50,000.....	136	66.34	56	62.22	38	74.51	64	64.00	69	63.89	51	67.11	30	68.18	26	65.00	27	65.85
50,000 to 100,000.....	19	9.27	10	11.11	5	9.80	13	13.00	9	8.33	6	7.89	6	13.64	4	10.00	4	9.76
100,000 to 200,000.....	29	14.14	12	13.33	8	15.69	13	13.00	14	12.96	11	14.47	7	15.91	7	17.50	6	14.63
200,000 to 300,000.....	4	1.95	3	3.34	.....	.....	.....	.....	3	2.78	.....	.....	.....	.....	.....	.....	.....	.....
300,000 to 400,000.....	1	.49	.....	.....	.....	.....	.....	.....	2	1.85	.....	.....	1	2.27	2	5.00	1	2.44
400,000 to 500,000.....	1	.49	2	2.22	.....	.....	1	1.00	1	.93	1	1.32	.....	.....	.....	.....	.....	.....
500,000 to 600,000.....	4	1.95	1	1.11	.....	.....	4	4.00	2	1.85	.....	.....	.....	.....	.....	.....	3	7.32
600,000 to 1,000,000.....	5	2.44	1	1.11	.....	.....	1	1.00	3	2.78	4	5.26	.....	.....	.....	.....	.....	.....
1,000,000 to 3,000,000.....	4	1.95	3	3.34	.....	.....	1	1.00	3	2.78	3	3.95	.....	.....	1	2.50	.....	.....
3,000,000 to 5,000,000.....	1	.49	2	2.22	.....	.....	2	2.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5,000,000 to 10,000,000.....	1	.49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Above 10,000,000.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1.85	.....	.....	.....	.....	.....	.....	.....	.....
Total under 500,000.....	190	92.68	83	92.22	51	100.00	92	92.00	98	90.74	69	90.79	44	100.00	39	97.50	38	92.68
Total above 500,000.....	15	7.32	7	7.78	.....	.....	8	8.00	10	9.26	7	9.21	.....	.....	1	2.50	3	7.32
Totals.....	205	100.00	90	100.00	51	100.00	100	100.00	108	100.00	76	100.00	44	100.00	40	100.00	41	100.00

Table II. indicates the character of the milk procured from the contracting firms previously considered in the reports of this Bureau, and also there is added to the table the results from the examinations of milk taken from the small contracting firms who commenced direct shipment of their supplies from the country to this city during the year. This addition only comprises the dealers from whom forty or more specimens were collected during the year, and these takings have as far as possible duplicated the ordinary samplings from the larger dealers as to time and conditions. With a majority of the old concerns, *i. e.*, designated in previous reports from A to G (both inclusive), the findings are more favorable than in 1910; these firms were "A," "C," "D" and "F," and the improvement on the percentage basis over last year varies from 0.68 per cent in the case of "C" to 6.28 per cent with firm "D." With "A" the gain of 4.21 per cent over 1910 is worthy of mention, as it brings the percentage of samples of this concern to 98.68, which not only complied with the standard but contained less than 200,000 bacteria per cubic centimeter. Dealers "A," "C," "D," "E" and "F" also indicate a betterment with the samples containing less than 50,000 bacteria per cubic centimeter. This is shown to the extent of 9.02 per cent, the maximum, in the milk from contractor "F," while the minimum is 0.57 per cent with "C." Contractor "D" was one of the last concerns to establish a bacteriological laboratory, and the results this year were the highest which this firm has yet attained, but are capable of further advancement.

Undoubtedly with some of the firms from whose product a gain is not indicated the difficulty could be attributed to the fact that they were forced to procure a portion of their supply from new and more remote sources, by reason of some of the nearby milk, which they formerly brought here, having been purchased by some of the small dealers; who are designated in the extended table under H to S (both inclusive). The results are of interest as showing what was accomplished in the purchase of milk in small units and under a somewhat nonsystematic oversight. With the exception of the milk from dealer "I," over 90 per cent of the product of all the other firms contained less than 500,000 bacteria per cubic centimeter, and all of the milk from concern "M" conformed to this regulation. It should

CHART No. 1
 INDIVIDUAL CONTRACTORS' SAMPLES
 1905-1906-1907-1908-1909-1910-1911
 Percentages of specimens under 500,000 bacteria
 to the c. c., and of infected milk



Percentage of Milk under 500,000 bacteria, 1905
 " " Infected Milk, 1905
 " " Milk under 500,000 bacteria, 1906
 " " Infected Milk, 1906
 " " Milk under 500,000 bacteria, 1907
 " " Infected Milk, 1907
 " " Milk under 500,000 bacteria, 1908
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 " " Milk under 500,000 bacteria, 1910
 " " Infected Milk, 1910
 " " Milk under 500,000 bacteria, 1911
 " " Infected Milk, 1911

this city, which resulted in no change in custom. Undoubtedly a majority of milk users prefer the present form of delivery, and it is felt that the present plan ensures better milk for next day's use than would be possible were the storage done by the consumer rather than by the dealer, whose scheme of refrigeration is superior to that of the average householder. Outside of the question of quality of the product there are many disagreeable features attendant upon the early morning delivery of milk, from which many citizens would like to be relieved. Table III. shows the condition of milk as obtained from wagons.

Table III.—Bacteriologic Examination of Milk Samples from Wagons.

BACTERIA PER CUBIC CENTIMETER.	Number.	Per Cent.
Under 50,000.....	686	53.05
50,000 to 100,000.....	115	8.89
100,000 to 200,000.....	158	12.22
200,000 to 300,000.....	36	2.78
300,000 to 400,000.....	39	3.02
400,000 to 500,000.....	19	1.47
Total wagon samples under 500,000.....	1,053	81.43
500,000 to 600,000.....	45	3.48
600,000 to 1,000,000.....	69	5.34
1,000,000 to 3,000,000.....	71	5.49
3,000,000 to 5,000,000.....	27	2.09
5,000,000 to 10,000,000.....	15	1.16
Above 10,000,000.....	13	1.01
Total wagon samples above 500,000.....	240	18.57
Totals.....	1,293	100.00

Of these samples 81.43 per cent complied with the standard of the Board of Health, and 18.57 per cent were found with over 500,000 bacteria per cubic centimeter. Compared with last year there was a loss of 1.99 per cent in specimens conforming to the standard. There was a diminution also in the samples with less than 50,000 bacteria per cubic centimeter, and this amounted to 2.42 per cent. With the milk which contained 200,000 organisms to the cubic centimeter, the loss from the 1910 results amounted to 3.08 per cent.

The milk under Table III. was collected from both bottles and cans, and as the condition of containers as to sterility has a marked influence upon the deterioration of this product, whether raw or heated, after its arrival in this city, the study of this subject in respect to the containers employed for pasteurized milk has been continued. The balance swings strongly in favor of bottles as the preferable form of holder. With cans the chief detrimental factor is probably the wooden stopper, but there may be other influences which tend to make the milk from cans inferior to that delivered in glass vessels. The methods of cleansing do not differ materially, but greater thoroughness should be exercised in this respect with both cans and bottles. If all containers used for milk could be sterile, much gain would follow, but the magnitude of the undertaking under present conditions renders it difficult of application.

The data compiled in 1908, 1909, 1910 and 1911 showed the pasteurized milk from bottles to have the lowest bacterial content. The 1911 results may be seen in Table IV.

Table IV.—Bacteriologic Examination of Pasteurized Milk from Wagons.

BACTERIA PER CUBIC CENTIMETER.	CANS.		BOTTLES.	
	Number.	Per Cent.	Number.	Per Cent.
Under 50,000.....	35	42.17	179	59.27
50,000 to 100,000.....	6	7.23	32	10.60
100,000 to 200,000.....	9	10.84	42	13.91
200,000 to 300,000.....	5	6.02	9	2.98
300,000 to 400,000.....	4	4.82	11	3.64
400,000 to 500,000.....	2	2.41	4	1.32
Total samples under 500,000.....	61	73.49	277	91.72
500,000 to 600,000.....	6	7.23	5	1.66
600,000 to 1,000,000.....	7	8.43	10	3.31
1,000,000 to 3,000,000.....	5	6.02	4	1.33
3,000,000 to 5,000,000.....	1	1.21	3	.99
5,000,000 to 10,000,000.....	3	3.62	3	.99
Above 10,000,000.....				
Total samples above 500,000.....	22	26.51	25	8.28
Totals.....	83	100.00	302	100.00

This indicates that 91.72 per cent of the samples from bottles, as against 92.35 per cent in 1910, had less than 500,000 bacteria per cubic centimeter. By comparison with last year there was also a decrease in the milk from cans which conformed to the regulation, the figures for that year being 81.78 per cent, while for 1911 it was only 73.49 per cent. There has been a further loss in the percentage of samples from both forms of containers having under 200,000 bacteria to the cubic centimeter, the comparative decrease being as follows: Bottled milk, 4.02 per cent; milk from cans, 9.64 per cent.

Table V. is devoted to a consideration of milk collected from shops and points to an inferiority of quality as compared with the previous year. To an extent the return of some shop owners to the sale of "loose milk" has been a factor in this change. It is to be deplored that legal complications were such as to render this possible. Despite this element, the quality of shop milk is vastly superior to that indicated by the examinations of 1905 to 1909 (both inclusive), when in only the latter year were more than 50 per cent of these samples found with less than 500,000 bacteria per cubic centimeter. The gain in the quality of shop milk in the years in which this work has been carried on is more pronounced than in that from any other source.

Table V.—Bacteriologic Examination of Milk Samples from Stores.

BACTERIA PER CUBIC CENTIMETER.	Number.	Per Cent.
Under 50,000.....	251	46.14
50,000 to 100,000.....	51	9.37
100,000 to 200,000.....	64	11.76
200,000 to 300,000.....	15	2.76
300,000 to 400,000.....	24	4.41
400,000 to 500,000.....	13	2.39
Total store samples under 500,000.....	418	76.83
500,000 to 600,000.....	12	2.21
600,000 to 1,000,000.....	26	4.78
1,000,000 to 3,000,000.....	39	7.17
3,000,000 to 5,000,000.....	20	3.68
5,000,000 to 10,000,000.....	17	3.12
Above 10,000,000.....	12	2.21
Total store samples above 500,000.....	126	23.17
Totals.....	544	100.00

In practically every instance where high count milk has been procured from shops subsequent samplings denoted improvement. This points to interest on the part of both shopkeepers and milkmen to enhance the quality of milk sold in this manner. By the tests for 1911, 76.83 per cent of these samples were found to comply with the Board of Health standard, the comparison figure for 1910 being 77.80 per cent, and for 1909, 54.74 per cent. With the specimens containing less than 200,000 bacteria per cubic centimeter 67.27 per cent were found this year, and 67.26 per cent in 1910. In this marked gain in quality since 1909, bottled milk for retailing in shops, notwithstanding all claims to the contrary, has demonstrated its superiority over the former universal plan of dealing in "loose milk." While some restaurants serve bottled milk to customers, the majority continue the old custom of dipping from tanks or pouring from cans. From this source much of the milk which exceeded the limit of 500,000 bacteria to the cubic centimeter was obtained, showing that the product served to the patrons of many of these places is not of the quality to which they are entitled. In some restaurants it was found that the crocks were not cleaned daily, and in others, where this cleaning was a part of the duty of each day, it often happened that any old milk from a previous day, which was in the crock at the time of cleaning, was saved to mix with fresher milk. By this means the new milk was made rapidly inferior; this custom accounts for some of the poor specimens found during the year. Where this plan was being pursued, it was immediately stopped upon advice from this office. The present methods of handling milk in restaurants are not as good as those which govern the sale of milk in shops.

Further emphasis must be given to the fact that shop milk is not suitable for all uses to which this commodity is put. It is certain that it should not be employed for feeding infants, and for this and similar purposes milk from other sources should be obtained. It would be advantageous if consumers resorted to the use of shop milk only in emergencies. Milk users will receive a better grade of milk if they procure it directly from the milkman. His business is the furnishing of this product, and his livelihood depends upon the satisfaction which his supply gives to customers. Under these circumstances he exerts greater efforts to please consumers than

can be expected from shopkeepers, who only deal in milk either as a side line or as an accommodation to their patrons. Pertinent to this issue is the knowledge that some milk dealers reserve their best milk for the family trade (this fact even being admitted by those who were contesting for the right to sell milk to shopkeepers to be sold in the "loose" form), while the balance is sold to shops and restaurants.

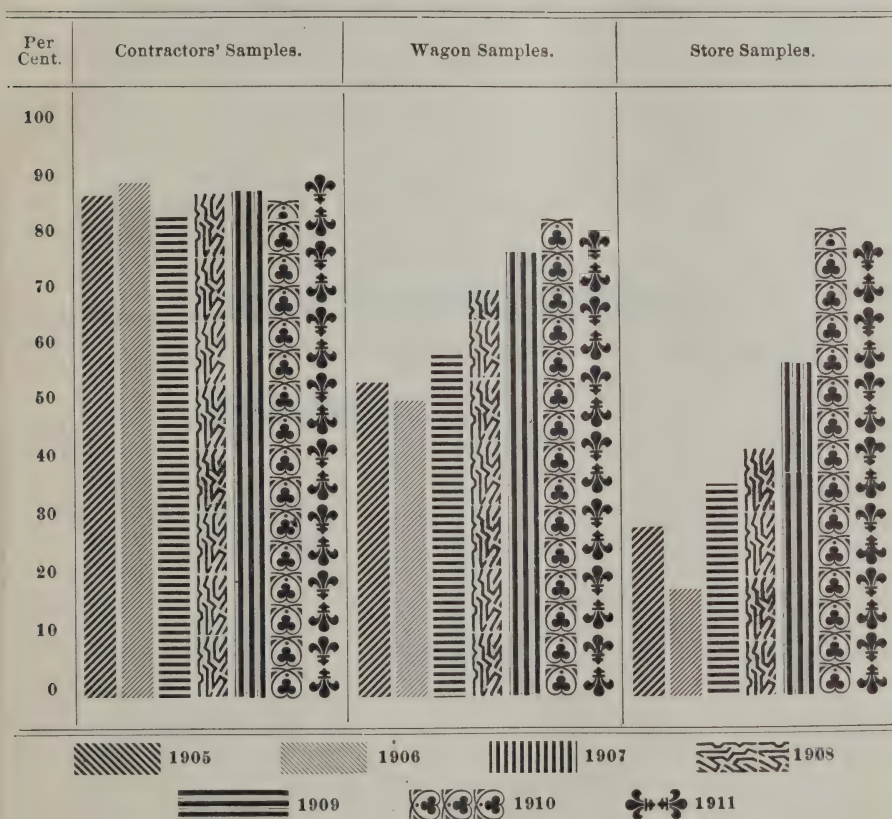
It also appears that the present quality of shop milk would show further improvement if greater restrictions surrounded its sale in stores and the number of dealers was curtailed who were permitted to deal in the commodity. Probably the list of persons selling milk in this manner could be reduced one-fourth to one-half without inconvenience to purchasers and with improvement to the supply. The purveying of milk should be restricted to those who have some conception of the necessity for its proper care.

Table V. includes both raw and heated milk samples. As there is much pasteurized milk sold in shops the quality of this treated product when procured from shops is of interest. Of the 343 specimens obtained in 1911, 82.22 per cent contained less than 500,000 bacteria to the cubic centimeter. This denotes a gain over last year, when 78.13 per cent were of like quality. Probably the principal reason for this improvement is that bottled pasteurized milk was sold in stores throughout the year, while last year there were less than eight months when heated milk was retailed in this manner. By comparison with 1909, when all pasteurized milk was sold "loose," and the percentage of the product with less than 500,000 bacteria was only 43.91 per cent, the gain is apparent. The heated shop milk with less than 200,000 bacteria to the cubic centimeter for this year is 74.64 per cent, which is a betterment over 1910, when the result was 70.44 per cent. Heated milk sold in shops should be supplied to the latter only in bottles filled by milkmen.

Many samples are annually brought to the office which are termed unclassified, for the reason that there is no other feasible method of arrangement. Some of these are from dealers, but are mostly sent by citizens who believe there is something wrong with their supplies. That this contention is usually not well founded is denoted by the results of these examinations. There were 537 such specimens tested, and of these 512, or

95.33 per cent, were found to have less than 500,000 bacteria per cubic centimeter. In considering this result it must be borne in mind that some of this milk arrives here in unsterile containers and uniced.

The following diagram indicates the comparative percentage of specimens from contractors, wagons and shops for 1905, 1906, 1907, 1908, 1909, 1910, and 1911, which complied with the bacterial standard of the Board.



The contractors' column shows the condition of the milk as it arrives from the country; the wagon and store samples for the most part represent milk as it was being delivered or sold to consumers on the day following its receipt in this city.

The examinations of milk, cream and ice-cream for bacterial content and for pus organisms were made in the bacteriological laboratory under the direction of Dr. Burdett L. Arms.

MILK CONTAMINATED WITH PUS AND STREPTOCOCCI.

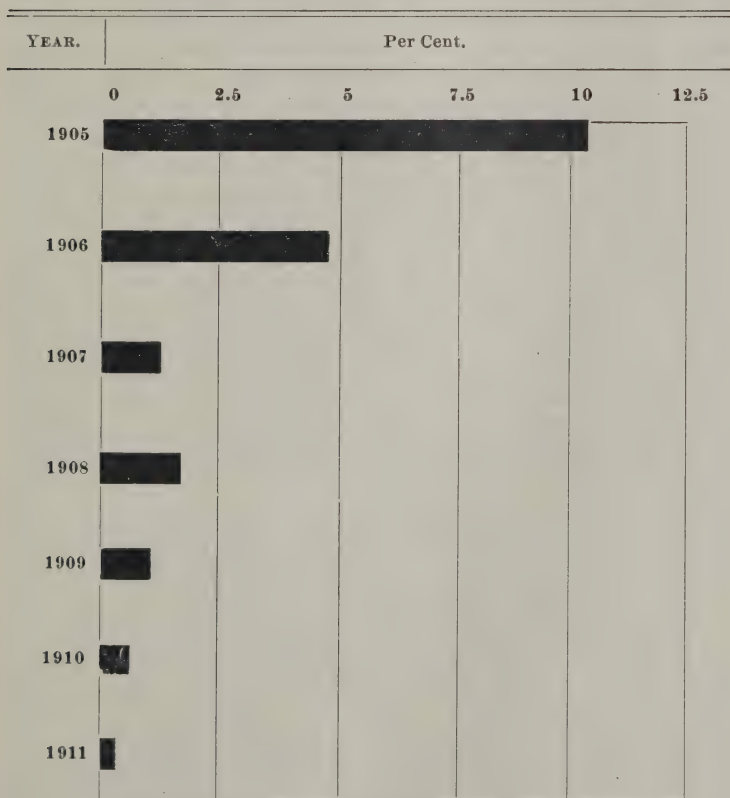
The results from the examination of milk during 1911 for the presence of pus organisms indicate the smallest percentage of such contamination yet recorded since the commencement of this work in 1905. It was thought that the findings for last year, which at that time showed the lowest amount of such infected milk, marked the minimum level for milk of this type. With a continuation, however, of the effort which has brought about the noticeable reduction of these undesirable specimens, it has been possible to note a further reduction. It is not within the range of possibilities to expect total elimination of milk of this character, but there are no unsurmountable difficulties in the way of a supply essentially free from these abnormal samples. Only once since 1905, namely, in 1908, did the examinations fail to reveal a continuous decrease in these yearly percentages.

In 1911, 7,311 samples were tested for these organisms, and 17, or 0.23 per cent, were found to be infected. These results by months are shown in Table VI.

Table VI.

MONTH.	Total Samples Examined.	Number Containing Pus.	Number Containing Pus and Streptococci.	Number Containing Streptococci.	Per Cent of Infected Milk.
1911.					
February	544	1	.....	2	0.55
March.....	673	1	.....	1	0.30
April.....	536	1	.....	1	0.37
May.....	652	.....	.....	.....	.....
June.....	632	.....	.....	2	0.32
July.....	569	.....	.....	1	0.18
August.....	482	1	.....	.....	0.21
September.....	579	.....	1	.....	0.17
October.....	737	1	.....	1	0.27
November.....	706	1	.....	2	0.42
December.....	669	.....	.....	.....	.....
January, 1912.....	532	.....	.....	.....	.....
Totals.....	7,311	6	1	10	

The comparative percentages of milk so infected for the years 1905, 1906, 1907, 1908, 1909, 1910 and 1911 are shown in the following diagram. During 1905, 5,559 samples were examined, and 583, or 10.48 per cent, were reported for their pus, pus and streptococci, or streptococci content. In 1906, of 5,007 samples, 246, or 4.9 per cent, were infected; in 1907, 4,609 specimens were examined, and 52, or 1.1 per cent, showed infection; in 1908, when 5,843 were tested, 107, or 1.83 per cent, were thus contaminated; in 1909, of 6,344 examinations, 58, or 0.91 per cent, were infected; and in 1910, 6,657 specimens were examined, and 34, or 0.53 per cent, were found to be infected. The figures for 1911 appear above.



The percentages of this contaminated milk for 1905, 1906, 1907, 1908, 1909, 1910 and 1911 are shown comparatively by months in Chart 2.

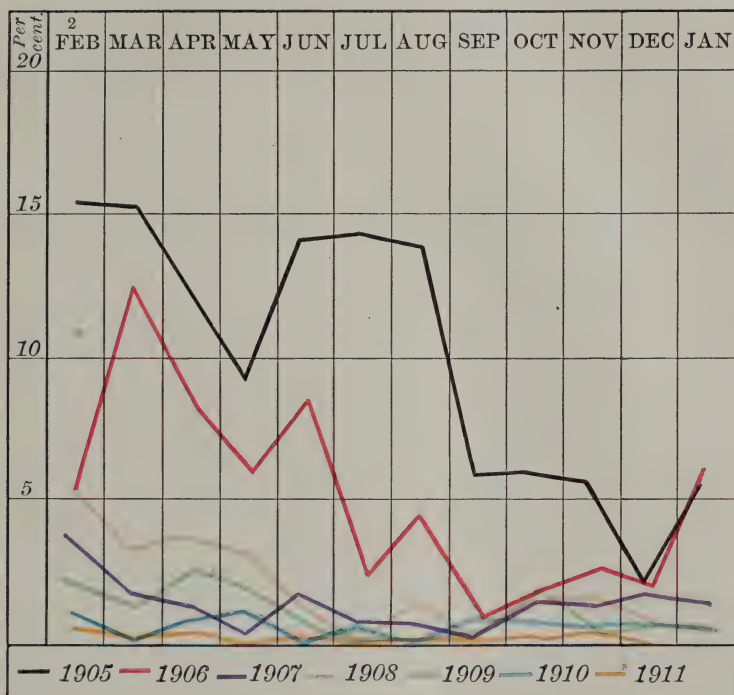
During the months of May, December and January (1912) none of this objectionable milk was found. Excepting March and July every month denoted an improvement over the corresponding months of the preceding year.

This constant gain in the quality of Boston's milk supply may be attributed to the policy of excluding the contaminated milk from all dairies where it was being produced, *i. e.*, not permitting its sale here, and to the agitation which has been devoted to this subject. This effort has enlisted the aid of dealers, and they have ably seconded the work of the Bureau in the suppression of these undesirable products. The lesson has been carried home to producers in the loss of a market, some of whom from pure greed and lack of consideration for consumers were shipping milk here which they knew to be from diseased animals. Inability to continue to be able to sell such milk has undoubtedly caused more care to be exercised by farmers, when on later occasions cows in their herds were found to have udder complications. A reasonable amount of oversight as to the health of all milk producing animals, and the exclusion from the marketable milk of the product of cows suspected of abnormalities, is a part of the duty which producers owe to milk users. If this policy is rigidly pursued at every milk farm the number of samples containing pus organisms will be very small. Consumers are entitled to protection of this nature, and such a plan would in the end be equally satisfactory to the producer, as public confidence in milk supplies is one of the best assets of the dairy farmer.

The milk dealers who have assisted in this reduction in the number of infected samples are entitled to much credit. Without their cooperation the results achieved would have been more difficult of accomplishment.

Each year, whenever infected milk was found, an attempt has been made to ascertain the cause for the abnormality. This has involved an investigation, when possible, at the farm where the milk was produced. Much of this information is procured through the dealer from whom the original sample was obtained, but it has not been possible in all instances to secure the desired data. These inquiries have, however, supported the contention that some producers are willing to sell milk from cows where the evidence of disease is apparent. Fortunately this condition does not hold good with the

CHART No. 2.



1. See Chart No. 1 for percentage of infected milk for 1905, 1906, 1907, 1908, 1909, 1910, and 1911, from Contractors only.
2. The official year begins February 1.

majority of farmers. This claim of nonattention to health of animals is further upheld by the results of the inquiries during 1911, by which the following information was gleaned:

1. Cow with inflamed udder.
2. Cow with injured udder caused by being kicked by another cow.
3. Cow with a sore on udder.
4. Cow with a so-called spider, or a hard bunch on one teat.
5. Cow affected with garget.
6. Two cows with bad teats; "hard milkers."

EFFORTS OF DEALERS TO IMPROVE SUPPLIES.

No milk dealer is properly equipped for handling milk without adequate laboratory facilities for both chemical and bacteriological examinations of this product. With all of the large firms of this city such tests are a part of the regular routine. Last year seven concerns made 90,207 bacteriological examinations, which exceeds the number for 1910 by 16,831. With the above samples, 174, or 0.19 per cent, showed the presence of pus, or pus and streptococci. In 1910, 497, or 0.67 per cent, of the milk examined by these companies had similar characteristics. This constantly increasing number of bacteriological tests has had an important influence in bettering the quality of the milk supply of this city. It is apparent, however, that some of the companies are not having as much of this work done as is necessary to keep their supplies at a high standard.

The efforts which have been put forth by dealers to lessen the amount of milk from cows with udder complications is shown in the large decrease in the amount of such milk. The work of this Bureau to bring about this reduction was the means of instigating this effort. These companies exclude the milk from dairies reported to contain pus organisms, either on their own examinations or on the findings of this office, and subsequently make examinations of the individual cows in the herd. By this means the animals at fault are located and their milk is kept from the dairy output, while the product of the normal animals is allowed to come to this market. One firm, in addition to this routine, sends its veterinarian to make a physical examination of the cows; the infected animals are quarantined and are only released when the milk and their physical condition is found to

be satisfactory. By means of correspondence and inspection one company has been able to locate the cause for this infected milk in every instance. One concern stopped the purchase of milk from ten dairies by reason of the milk showing this fault, and the milk from one dairy was excluded permanently because the owner refused to correct the trouble.

To bring about further improvement in the milk supply of this city the purchase of milk has been stopped by dealers in many instances, and for reasons other than those given above. One firm has excluded milk for being below the standard and by reason of being produced under insanitary conditions. Two concerns, because of reports of inadequate dairy facilities from the firm's inspectors, have stopped the purchase of milk. One dealer ceased buying milk from ten dairies for high bacterial content and bad stable conditions; after making the necessary changes, the product of two of these was repurchased; eight dairymen were notified that conditions must be improved or they would be dropped; four were warned on report from their inspector and twelve others were told that the old and unsatisfactory conditions must be changed. Another company stopped the milk from five dairies because of low score, and from twelve others for being deficient in chemical constituents. One concern excluded the product from ten dairymen for tampering with the supply, or who owned farms which it was felt would receive low scores, or where it was thought that the owners would be unwilling to comply with the requirements of the Board of Health. Unclean milk, poor sanitary conditions, and watering and skimming were reasons assigned by another firm for excluding dairies.

Every dealer bringing milk to this city has striven to improve the supply despite the fact that the effort has varied largely in degree. One concern, when the bacterial content of the milk is over 250,000, or the temperature of the milk high, sends warnings to the farmer and re-tests the product frequently; many letters were written because milk was of low standard or was receiving improper care or cooling, or was being produced under insanitary conditions. Dairy inspection has been continued by all of the firms in the attempt to have improvements installed and to enlist the cooperation of the producer; many communications were sent to farmers to accomplish these ends.

One firm has made lectures to producers on sanitary and economic topics a feature of its campaign of education; pasteurization of milk and cream in bottles has also been instituted. Another firm has erected a building of concrete and placed in another building concrete floors and ice chests. One dealer applies the tuberculin test to all animals entering his herd, and the same procedure is recommended to those from whom milk is purchased; all female calves are being raised under ideal conditions as to wholesomeness of food and clean and well lighted stables; milk is paid for on quality, and premiums are offered for milk with 4 per cent of butter fat or above, for low bacterial content, and also for favorable stable conditions. Another company has increased its laboratory force, and is making 200 chemical and bacteriological examinations daily, the intention being to test each producer's milk once each month; all milk jars are sterilized, and each day tests are made to determine the efficiency of this work; there is also medical inspection of employees who come in contact with the milk. Laboratory examinations, inspection of dairies and letters to bring about more oversight in the icing and handling of milk have been features with two companies.

The small contracting firms, which became a factor in the business of last year, cannot be said, as a whole, to give the attention to dairy inspections or laboratory examinations which the larger concerns devote to these and other details in the way of improving supplies. Of six dealers from whom information was requested, it was ascertained that not over 150 bacteriological examinations of their supplies had been made; two had made none of these tests. Two dealers had each stopped the milk from one dairy; another had excluded two for low standard, and a fourth firm had stopped the purchase of the milk from several dairies. There has been in most instances, however, marked cooperation with the authorities in the exclusion of milk where this course has been ordered, and these dealers have endeavored to check and correct insanitary dairy features. One company has employed an inspector for dairy work; another has had the members of the firm visit farmers in the endeavor to educate them in the production of clean and cold milk. One dealer insists on compliance by farmers

with the instructions of the Board of Health if he is to accept the milk. Another concern has worked for better stable and cooling conditions.

All dealers are agreed that the bacteriological examination of milk has been followed by improvement, but one company states that this effort should be accompanied by dairy inspection. Another firm contends that better stable conditions have resulted from the institution of this work. No doubt, as one concern asserts, these examinations have sometimes caused producers to abandon the business or find other markets for their products.

The efforts of these companies have been of much value and assistance in improving the quality of Boston's milk supply, and it is a feature of the business which must be continued despite the great expense involved. From this work, however, has resulted the knowledge of marked betterment in the quality of the product, and greater satisfaction from the standpoint of the consumer.

DIRT IN MILK.

The Supreme Court upheld the Government in the case mentioned in the last report, where dirt which had been found in milk was alleged to be a foreign substance, and the pending cases attendant thereon have been settled. This finding removes the legal complications in the way of instituting proceedings against dealers who persist in the sale of milk containing *visible filth*. It bespeaks cleaner milk for the citizens of this Commonwealth, for full compliance with the law means that dirt must be kept out of milk, and this is a much desired condition. The filthy practice of permitting dirt to contaminate milk either from unclean cows or from other sources, and then attempting to remove by straining the *visible dirt*, where milk is to be subsequently sold, is not complying fully with the law. The only way to produce legal milk, in view of this decision, is to keep dirt away from it at all stages of its production and handling.

To meet this condition more attention must be given to the element of cleanliness. The dirt from cows, barns, hay, utensils, milkers, or from any other source, if it comes in contact with this fluid, will make the subsequent sale of the milk illegal. It should also be remembered that this feature of cleanliness applies not only

to the producer, but to the methods of the milkman and shopkeeper. These latter must exercise the utmost cleanliness in dealing with this product and must bear in mind that filthy cans or bottles may become sources of filth for milk, which would render its sale a violation of the law.

Full justice to the consumer, laying aside legal rights, also requires that milk be kept clean, and not made "clean" by the removal of *visible dirt*, as by straining devices, for by this latter method the soluble portion of the filth, or the *invisible dirt*, can never be eliminated. Any dissolved filth works greater mischief with milk than the harm which could come from the usual insoluble particles capable of removal by straining. Consequently to have milk wholesome and healthful there must be complete freedom from filth of all kinds. Producers and dealers should exert every effort to attain this end, and consumers should not only insist on its being done but refrain from purchasing from those who are unable to supply clean products.

When dirty milk is being delivered this Bureau desires to be acquainted with the facts, so that proper investigations may be made.

LOW TEMPERATURE ESSENTIAL TO GOOD MILK SUPPLIES.

Two features which must have a prominent part in the production and sale of good milk are cold and cleanliness. Both are factors which cannot be neglected without detriment to the supply. The rapid cooling of milk and the subsequent maintenance of a low temperature, regardless of other conditions, are essential at all times. It is necessary, then, that all milk should be cooled quickly at the dairy, otherwise there will be a depreciation in quality which subsequent icing will not repair. The proper refrigeration of milk requires the use of ice; the old methods, which depended upon cooling with water of varying degrees of temperature, and employed under differing plans, not yielding the best results. Consequently no dairy can be considered properly equipped for the production of market milk unless there is an adequate ice supply intelligently used. Neither can there be a satisfactory excuse, based on climatic conditions, for any farmer sending milk to this market not to be provided with ice and enough of it to meet all emergencies.

While much progress has been made in enlisting the efforts of dairymen in this direction, it is apparent that too many farmers make no attempt to provide a supply of this commodity. There is an inertia with some producers with respect to this question which can only be overcome by a prospect of loss of a market. Consequently it devolves upon those who are buying milk for this city to be more insistent and energetic than in the past in the matter of requiring dairymen to store and use ice. In the near future farmers not so equipped are likely to have difficulty in disposing of their product. It is time that determined recognition be given the fact that no dairy outfit is complete where provision is not made for the proper cooling of milk, and no milkman is according his customers just treatment who supplies them with milk from such farms. With the above text in mind the fear of losing a supply to some other milkman on the ground that a dairy is not using ice need have no further terrors for milk dealers.

Milkmen in the handling of this fluid after its receipt from the farm have in the majority of instances used commendable care in complying with the refrigeration feature, and this despite the fact that many have to purchase the ice they use. While upon the cars during transportation milk has usually been properly iced when the cars were under the supervision of the dealers and in charge of skilled men; under the present system, however, with the cars in control of the railroads, there has been less attention to this detail. Not enough ice has been used by those responsible during shipments, and consequently much milk arrived here with a high temperature; it is also asserted that more sour milk came to this city last summer than in any recent year. By reason of these conditions the complaints which reached this office from dealers far outnumbered those of any previous year. Attempts to enlist the cooperation of railroads in the matter of proper care of milk were not always attended with the desired results, if protests from milkmen were an index of non-success. In one sense this outcome was to be expected, as the railroads were not especially interested in maintaining a high standard for Boston's milk supply, while those in direct charge of the cars, not being under the control of and responsible to the milk dealers, were frequently strongly imbued with the spirit of lack of care and possessed of a supply of independence as to results

which far outstripped that of their superior officers. Furthermore, these employees were not always skilled in the proper oversight of milk and were likely to be shifted about frequently, so that a carload of milk might at times be intrusted to a man wholly inexperienced in its handling.

But not all of the troubles from having milk shipped in cars not under the control of dealers was confined to the use of insufficient ice in summer, for during the winter months of this year there were complaints of too much refrigeration, and some milk arrived here frozen. This was oftentimes due to the fact that the railroads did not properly heat the cars, which were equipped with steam pipes. By reason of the above conditions, all of which were detrimental to good milk supplies, the shipping of milk in cars not under the control of dealers is believed to be productive of harmful results, and a return to the former leased car system appears to be not only desirable but a necessity.

In many households the matter of maintaining a low temperature for milk is not given sufficient attention, and as a usual consequence complaint is registered against the milkman for the sale of sour milk. This is a detail which should be given strict attention by each consumer, not only from the standpoint of preventing change in the milk but on the score of fairness to the dealer, and milk should not be allowed to be uniced when in the house, or permitted to remain outside on doorsteps or elsewhere, so that it becomes heated from weather influences.

Under the circumstances above outlined as to the lack of care of milk while on cars, it was to be expected that a larger number of high temperature specimens would be found. This result was realized, and the samples tested on the cars just as the milk arrived here, and having a temperature of over 50 degrees Fahrenheit, exceeded those of 1910 by 163, the total for 1911 being 259. In each instance a warning was mailed to the milkman who was selling the milk, and the latter then endeavored to provide for the future refrigeration of this product through the agency of railroads or farmers, or both.

There was also an increase in the number of high temperature specimens procured from wagons and stores. All told there were sixty-one of these, as compared to forty-one in 1910. Warnings were also issued

in these cases, and an improvement was noted in nearly every instance. During the warm weather many temperature tests were made, and this included all of the milk collected during that period. In addition to this the temperature was noted of all samples procured for bacteriological examination throughout the year, and in summer special Sunday examinations were made of milk as it arrived by cars. The temperature tests for the year totalled 12,529.

CONDENSED MILK.

Before the Legislature of last year the contest was renewed in behalf of a law which would compel the labeling of this product with a formula for diluting with water, so that the resulting mixture would comply with the Massachusetts standard of milk solids and fat for whole milk. In 1910 a similar measure was defeated through the energies of those interested in the sale of condensed milk, but despite elaborate plans to again encompass the same end, a law to compel such marking was adopted, as stated above. It went into effect on the 1st of January of this year, and its provisions are as follows:

SECTION 1. Every container of evaporated, concentrated or condensed milk sold or offered for sale, or had in possession or custody with intent to sell by any person, firm or corporation, within this Commonwealth, shall have plainly printed thereon in the English language, or attached thereto on some firmly fixed tag or label, a formula for extending the said evaporated, concentrated or condensed milk with water. The said formula shall be such that the resulting milk product shall not be below the Massachusetts standard of milk solids or fat for whole milk.

SECT. 2. Whoever, himself or by his servant or agent, or as the servant or agent of any person, firm or corporation, sells, exchanges or delivers, or has in his custody or possession with intent to sell, exchange or deliver any container of evaporated, concentrated or condensed milk, within this Commonwealth, not marked or labelled in compliance with the provisions of this act shall, for the first offence, be punished by a fine of not more than one hundred dollars, for a second offence by a fine of not less than one hundred nor more than two hundred dollars, and for a subsequent offence by a fine of five hundred dollars, or by imprisonment for not less than three nor more than six months.

SECT. 3. This act shall take effect on the first day of January in the year nineteen hundred and twelve.

In December last a copy of this law was mailed to all of the wholesale and retail grocers of the city, but prior to that time, through the medium of alluring discounts, the retail trade had been well stocked with goods bearing the old labels. To meet this contingency it became necessary to employ stickers bearing a printed formula for making the dilutions. This course was adopted by most of the retail trade, and where sales of these products were made without these directions warning notices have been sent by this Bureau to those responsible for these violations of the law. Such action has thus far been met with a willingness to conform to the legal requirements. These stickers were supplied to the retail trade by the manufacturers, and generally stated that "the product" or "the milk obtained by diluting the contents of this can with an equal volume of water will exceed the legal standard," one concern adding on its label after the word "standard" the words "for whole milk." As demonstrating the unfairness of one company, the sticker which was supplied the retail trade had the formula printed thereon in black ink, and directly over this and printed in large red letters, in such a manner as to render the reading of the formula difficult, was the principal name of this firm. This appeared to be a deliberate attempt to subvert the will of the Legislature, and savored of despicable trickery. The condensed milk now being sent from the manufactories bears the dilution formula printed on the regular label.

To show the cost of a quart of diluted product made by adding to cans of condensed and evaporated milk an equal part of water, samples of different brands were purchased at retail prices throughout the city. The following table gives the details of this work:

BRAND.	Price.	Approximate Volume of Product in Ounces by Diluting Contents of Can with an Equal Amount of Water.	Approximate Cost of a Quart of Product, Based on Purchase Price, and on Diluting Contents of Can with an Equal Volume of Water.
Challenge.....	10 cents	20.3	15.8 cents
Eagle.....	15 cents	24.3	19.7 cents
Grandmother's.....	10 cents	22.6	14.1 cents
Shamrock.....	9 cents	19.3	14.9 cents
Smith's Elk.....	11 cents	21.3	16.5 cents
Hire's.....	11 cents	22.6	15.5 cents
Eclipse.....	12 cents	22.9	16.8 cents
Vermont.....	10 cents	22.9	14.0 cents
Standard.....	11 cents	22.6	15.5 cents
Defiance.....	10 cents	19.6	16.3 cents
Gold.....	10 cents	29.4	10.9 cents
Pet.....	10 cents	21.6	14.8 cents
Peerless.....	5 cents	11.1	14.3 cents
	10 cents	29.1	11.0 cents
Van Camp.....	9 cents	29.1	10.0 cents
St. Charles.....	7 cents	28.7	7.8 cents
Globe.....	7 cents	29.6	7.6 cents

Much condensed milk is very old when it is sold to the consumer, and this condition is caused partly by the custom of dealers in not disposing entirely of an order of these goods before beginning to sell from a fresh supply. To obviate this difficulty and give the purchaser at retail an opportunity to inform himself as to the age of the product, all evaporated milks should be plainly labeled with the date of manufacture. Many makers of these evaporated milks now mark their packages in code form, intelligible only to themselves, so that they may know, when necessary, the date of preparation. If it is important for the manufacturer to ascertain this fact, it would appear to be of greater consequence for the person who purchases and consumes the product to have the same data. There is no tenable reason why these preparations should not be so

marked for the information of consumers, and if manufacturers are not willing to adopt this labeling voluntarily they should be compelled to do so by law.

BUTTERMILK.

Buttermilk has become an important milk product and its use is undoubtedly increasing. The amount consumed here yearly is large, in view of the fact that until within a comparatively short time its employment upon the present scale was unknown. Its sale is being encouraged by dealers, as thus an outlet is obtained for a product which otherwise would have little value. Emphatic claims have been made setting forth the advantages which would accrue to the human economy from the employment of this beverage, but regardless of this argument buttermilk is a compound possessing food value, and is probably beneficial to many of those who use it. In more than one respect the scientific backing given this compound has proven advantageous to mankind. Much buttermilk is now used in bar rooms, and the demand from this source and for serving at soda fountains is increasing constantly. A large proportion of the buttermilk used here is delivered in bottles; cans are the containers employed for a small portion.

More than half of this substance used here is the natural product obtained from the churning of cream in the preparation of butter. In times of shortage, however, the dealers who depend upon this as a source often-times add skimmed milk to the cream before churning. The latter is thus converted into buttermilk, and the food value of the product thereby enhanced. Dealers who depend upon an artificial buttermilk assert, and with good reason, that it is more satisfactory to the trade. This is prepared from skimmed milk, to which is added a so-called "starter"; after the souring has proceeded for a sufficient length of time, the mixture is churned or agitated to give a finely divided curd; it is then cooled and placed in containers for delivery. In this manner greater uniformity is obtained. There is one troublesome feature of the traffic in buttermilk for dealers by reason of the fact that it is impossible to carry a surplus. The product prepared one day must be delivered the next, otherwise, owing to a tendency

to change or "whey off," it becomes unsalable. In view of this situation enough must be provided to meet the demands of the trade, and the oversupply is left on the hands of the dealer. Some of the surplus is converted into what is known as "buttermilk cheese."

The amount of buttermilk sold in this city during the year was about 3,227,400 quarts, the average daily quantity approximating 8,842 quarts.

CREAM.

The quality of this commodity from the viewpoint of bacteriological content is of importance to consumers, not only where cream is used as such but also when it is employed in the manufacture of ice-cream. For this latter purpose much cream is annually required, and the future demand from this source is destined to be greater than the present. Cream is likely to contain larger numbers of bacteria than milk, even when produced and marketed under the best conditions, but under the methods which have prevailed in the past and to some extent at this time it is not surprising that a large proportion of this substance is heavily charged with organisms. It is no doubt true that more care is now being exercised in the oversight of the production of milk for cream purposes, in its handling at the creamery and subsequent care in the reduction of time between production and delivery to the consumer, than has ever existed before. The efforts of this Bureau in directing attention to some of the former undesirable methods employed in dealing with this commodity has had an influence, it is thought, in correcting a part of the old faults. But there is need of betterment, and there should be further and more systematic supervision of farms from which the milk for cream is procured; the interval which elapses before the milk or cream is delivered to the creamery should be shortened; there should be greater oversight of creameries where cream is handled; the condition of containers, as to sterility, in which cream is shipped or delivered to consumers should receive the necessary attention, and the time which elapses between the creamery and the delivery of the cream to the consumer should be further reduced. By the requisite oversight of all of the essential details in the production and marketing of cream, dealers can bring about a further improvement in the quality of this substance which is

being sold here. That it is necessary that this should be done is evidenced by the samples examined during the year and tabulated below.

Table VII.—Bacteriologic Examination of Cream Samples.

BACTERIA PER CUBIC CENTIMETER.	Number.	Per Cent.
Under 50,000.....	38	26.58
50,000 to 100,000.....	11	7.69
100,000 to 200,000.....	12	8.39
200,000 to 300,000.....	5	3.50
300,000 to 400,000.....	4	2.80
400,000 to 500,000.....	3	2.10
Total samples under 500,000.....	73	51.06
500,000 to 600,000.....	6	4.19
600,000 to 1,000,000.....	15	10.49
1,000,000 to 3,000,000.....	30	20.98
3,000,000 to 5,000,000.....	10	6.99
5,000,000 to 10,000,000.....	3	2.10
Above 10,000,000.....	6	4.19
Total samples above 500,000.....	70	48.94
Totals.....	143	100.00

Heretofore the cream samples have been combined, from the bacteriological standpoint, with the milk specimens, but this year it was thought best to consider the cream separately. The average for the year would undoubtedly be better than that indicated by the above results, as most of these samples were collected during the warm weather of the year and when the conditions were best for high counts. This cream was procured from all sources, *i. e.*, from cars on arrival in the city, from milkmen and from shops. Where excessive counts were found, the warnings which were issued brought about in most instances an earnest effort on the part of dealers to improve conditions, and better results were noted in a number of instances from subsequent samplings. In the matter of quality of cream, the balance on the basis of superiority may be in favor of the product of the small dealer. In any event the proposition that quantity of cream handled by a concern necessarily

means that the product is better than the average remains to be established. By the above figures it is seen that 51.06 per cent of the samples had less than 500,000 bacteria per cubic centimeter, and 48.94 per cent were in excess of this amount; 42.66 per cent of these specimens contained not over 200,000 bacteria to the cubic centimeter, which shows that it is not impossible, even in summer, to supply cream containing a relatively small number of organisms. Practically all of the cream sold here is pasteurized, and the bulk of it is heated at small creameries in the country. The small amount of raw cream is supplied by dealers in certified milk or by a few producers who are conducting high grade farms. Not all of this latter product would comply, however, with the standard of 500,000 bacteria per cubic centimeter.

With the fat content of cream there has been little trouble from the basis of the legal standard of 15 per cent. Some of the cream from restaurants varied from this requirement, and a few specimens were obtained from teams which were deficient, but the major portion of the samples more than complied with the law. With "medium" cream and "heavy" cream there is to some extent constant dissatisfaction, for the reason that there are no standards, and the quality of "medium" and "heavy" cream varies to a marked extent. Rather than have more exact standards for these grades of cream, it would seem preferable to require that all cream containing more than 15 per cent of fat should be sold upon a guaranteed fat basis. This method would be not only fair to the consumer but also to the dealer, for the latter who are honest are oftentimes at the mercy of unscrupulous competitors in the matter of quality of product. Another subject which should receive legislative attention is that of admixture of condensed milk with cream for the purpose of deception; namely, to improve the appearance of the product and to give the impression that the fat content is greater than it really is. The manipulation of cream on this basis is constantly increasing, and the number of vendors of this kind of cream is destined to grow larger, unless checked legally. An instance which well illustrates the methods of dealers who are so unscrupulous as to supply these condensed milk mixtures to their customers came under the observation of the Bureau during the year. Alleged

cream, which was being supplied to a large consumer, was sent here to ascertain its quality. This specimen will be designated as "A," and was being sold at \$3.19 per can; after the results of the examination were duly reported to the purchaser of the cream, the latter made emphatic protest to the firm supplying the mixture, and subsequently another sample supplied by the same concern, and designated as "B," was forwarded for testing. The results of these examinations follow:

	"A."	"B."
Milk solids.....	30.60%	46.33%
Fat.....	20.00%	43.00%
Mineral matter.....	1.10%	.38%

"A" contained condensed milk, and at the time when these analyses were made, a fair price for cream containing 40 per cent of fat was \$3.40 per can, while cream with 20 per cent of fat could be procured for \$1.45 per can. Thus at the price charged for cream "A" of \$3.19 per can, there was an overcharge of \$1.74 per can, which really amounted to robbery. There is at present no way by which such thievery can be checked by legal measures, but the above illustration sufficiently demonstrates the necessity for legislation for the protection of the public.

Based solely on information from cream dealers it is apparent that in comparison with the supervision given to milk production conditions, the oversight devoted to the surroundings at farms from which cream is obtained, despite all claims to the contrary, receives minor consideration. While this lack of attention to detail is pronounced, there has nevertheless been much improvement in this respect in recent years. With some concerns it is apparent that an earnest effort has been made to bring their dairies up to a higher standard, while with other firms any attempts in the way of better conditions are spasmodic, and not undertaken in the spirit which begets permanent gain. One company which it appears could be placed in this latter class ingeniously asserts that during the year it "ordered all of our dairies inspected"; another even makes no claim to having investigated either dairy or creamery conditions. With

some of the large firms this oversight consists solely of icing or of bacterial and chemical examinations of supplies. A small dealer inspected only creameries. Others have undertaken this work with more energy, and have installed improvements at creameries, compelled farmers to whitewash their barns, and have a system of oversight by physicians in the territory from which they buy milk, to report cases of contagious diseases, with a view to stopping the use of milk from farms where such cases of sickness are found. One company has employed an inspector of dairies, and has additional farm oversight from its creamery managers; an extra price is paid for milk from tuberculin tested herds; cleanliness and use of ice have been urged and encouraged; there has been cooperation with the Boston Board of Health, and discontinuance of the purchase of milk from farms where objectionable methods were being pursued.

By washing the cans sent into the country for cream, all dealers have noted an improvement in this product. A majority of the firms find that there has been a marked decrease in the matter of unwashed containers returned to them by customers. One concern, by persistent use of copies of the regulation of the Boston Board of Health relating to this subject, has actually succeeded in having the most of the cans from out-of-town trade washed before being returned to this city. This firm advocates the adoption of a state law requiring the washing of all milk containers as soon as they are emptied. Another company has its route drivers collect its empty containers promptly, and experiences, as could be expected, good results from this plan. One concern has noted "some" and two dealers "no improvement" with respect to the washing of containers by consumers. Undoubtedly this results from their lack of effort in relation to this subject. One of these firms also states that there is no evidence of decrease in the misuse of containers, while all of the other dealers claim that there has been a pronounced gain in this direction.

Apparently the use of cream is increasing constantly as the dealers, with two exceptions, assert that they sold more cream in 1911 than in 1910; this increase being from 5 per cent in one case to 100 per cent for heavy cream with another company. One concern reports that the cream sales were "less" than last year, and another firm claims this decrease was 10 per cent.

While a considerable proportion is consumed in households, the largest percentage is utilized for manufacturing purposes. Much of the cream handled here is sold for consumption outside of this city, and consequently Boston has become an important center for the distribution of this commodity.

ICE-CREAM.

Last summer, in connection with the bacteriological tests which were made of commercial cream, a limited investigation of the ice-cream which was being sold in Boston was also undertaken. Where cream is employed in the manufacture of ice-cream, one essential for the latter to contain only small numbers of bacteria is that the cream from which it was made shall not have a large content of organisms, *i. e.*, poor cream will not beget good ice-cream. Consequently a good cream supply is a necessity for the manufacture of ice-cream of low bacterial count. This is an element for which all ice-cream makers must provide, and it is of equal importance that other ingredients used in manufacturing this delicacy should not be heavily impregnated with bacteria. Regardless of the desire of the manufacturer, cream and milk products employed in ice-cream must not be too old, and the same rule should apply to the mixtures from which ice-cream is made. Furthermore, these mixtures should be kept cold during the interval which elapses before freezing and should not be permitted to remain in open vessels. Another element which would form a source of contamination in the manufacture of ice-cream is the condition of the containers in which the mixture is kept or conveyed before freezing and during and subsequent to being frozen. All utensils, pipes and containers used in these manipulations and in the sale of this product should be scrupulously clean and as sterile as it is possible to make them. After this the age of the ice-cream is to be considered, and there is no doubt that in many instances, as the business is now conducted, the interval of time which elapses between the making of this product and its consumption is altogether too great. Manufacturers of ice-cream would do well to use every endeavor, whether it be in the matter of storage of surplus or handling in shops, to materially reduce this time. More attention to these details,

which are by no means minor factors from the standpoint of the manufacturer, would insure a product of higher grade than would be possible where there is non-observance of these details. Cream is not used in the preparation of all ice-cream, and some of that made from condensed skimmed milk, skimmed milk powder, or other substitutes for cream contained fewer bacteria than that in which cream was used. Much of the ice-cream made without cream is prepared by small dealers, who do not cater, if they supply shops or otherwise, to high class trade. Some of this ice-cream is almost fat free, but much of it retails for the same price that is charged for the ice-cream in which cream is an ingredient. Such ice-cream does not represent the same value as the latter, and is retailed almost exclusively, and to a considerable extent, in the poorer sections of the city. In none of the specimens of ice-cream which were examined chemically were any traces of preservatives found.

From the standpoint of the retail dealer it is believed that lack of cleanliness in the care of containers, and the practice of refilling partially emptied containers without cleansing them, was responsible in a large degree for the high counts found. The present method in shops of placing a fresh lot of ice-cream in containers in which there is old ice-cream should be abandoned. Through this custom some of the old ice-cream remains in the crock for a long time and serves as a source of contamination for the fresher cream. This objectionable procedure should be stopped at once, and is a change which would be welcomed by progressive manufacturers. The methods used in shops for cleansing ice-cream containers are often primitive and imperfect. In one store only cold water was employed for washing ice-cream crocks. The product from this store had large numbers of bacteria. No shop which is without a supply of hot water should be permitted to deal in this commodity.

Practically all of the samples which were examined were obtained from retail shops, and the detailed results may be seen from the following table:

Table VIII.—Bacteriologic Examination of Ice-cream Samples.

BACTERIA PER CUBIC CENTIMETER.	Number.	Per Cent.
Under 50,000.....	17	10.12
50,000 to 100,000.....	3	1.78
100,000 to 200,000.....	9	5.35
200,000 to 300,000.....	10	5.95
300,000 to 400,000.....	7	4.17
400,000 to 500,000.....	7	4.17
Total samples under 500,000.....	53	31.54
500,000 to 600,000.....	7	4.17
600,000 to 1,000,000.....	25	14.88
1,000,000 to 3,000,000.....	32	19.05
3,000,000 to 5,000,000.....	17	10.12
5,000,000 to 10,000,000.....	17	10.12
Above 10,000,000.....	17	10.12
Total samples above 500,000.....	115	68.46
Totals.....	168	100.00

There were eight specimens which ranged from 20,000,000 to the maximum of 55,000,000 bacteria per cubic centimeter. Warnings were sent to those dealers whose products gave high counts and in a majority of instances later samplings denoted a betterment; this was true of the dealer from whom the ice-cream containing 55,000,000 bacteria was procured. In another case where the count was 8,000,000 the ice-cream had been in the shop admittedly three days. This condition as to age of product was acknowledged by another proprietor, who subsequently agreed to prepare his supply daily. One retailer changed his source of supply upon the receipt of a warning letter. Many of the small shops, particularly those in poor localities, abandon the sale of ice-cream during the winter months. In some stores there was a lack of cleanliness, despite the fact that there has been much improvement in this direction in the last few years.

It is apparent that some changes are necessary to bring about an improvement in the quality of ice-

cream as it reaches the consumer, a condition recognized by progressive manufacturers. One of the first essentials would appear to be a knowledge of those who deal in this commodity and data relative to the methods employed. To accomplish this and other objects which it appears would tend towards betterment, it is proposed:

First. That all dealers suitable to manufacture and handle ice-cream be licensed annually.

Second. That there be authority to revoke such licenses where the licensees are found conducting their business under insanitary conditions.

Third. That the practice of "dumping," namely, the placing fresh ice-cream in crocks with old ice-cream, be stopped, and that when a container is empty, it be returned to the manufacturer and its place be supplied by a freshly filled crock.

BUTTER.

There has been little change in the situation concerning renovated butter, and not much of this substance is sold here when prices for creamery butter are low. During the winter months, when extremely high prices for creamery butter prevailed, the sales of renovated butter were large, but the business in this grade of butter did not exceed that of former years. Some concerns sell renovated butter in preference to the cheap grades of creamery butter, and a few retail concerns who deal in this butter throughout the year assert that it sells well and gives satisfaction to consumers, and that it is a better product to handle than creamery butter of inferior grade. Undoubtedly, where comparatively fresh renovated butter is sold and consumed quickly, the results are gratifying to both dealer and the public, but when the butter is kept in open packages for a long time, as in small stores where sales are infrequent, this product deteriorates rapidly and subsequently affords just grounds for complaint from those who purchase it. Throughout the year this substance is extensively employed in cheap boarding houses and in restaurants. Probably these places offer a greater outlet for this grade of butter than that of any other source. In some states, but not in Massachusetts, the patrons of such places are required to be legally notified where renovated

butter is being used. Probably from the standpoint of the boarder such a regulation would be satisfactory in this state. There have been very few cases for violation of the renovated butter law during the year, most of the dealers apparently using care to mark this product in accordance with the legal requirements.

OLEOMARGARINE.

The low prices which prevailed for butter during a part of 1911 caused an enormous reduction in the volume of sales of oleomargarine. This condition was surprising to dealers, as it was unanticipated, especially after the large business in this commodity of the preceding years. There can be little doubt that the product gave satisfaction to the public from the fact that when, during the winter months, the price of butter advanced the sales of oleomargarine increased tremendously. Despite the large business transacted during that period the total amount sold was far below that of a year ago. In fact, up to the middle of December, 1911, it is estimated by some retailers that the diminution in the volume of traffic in this commodity, by comparison with 1910, was one-third, and in some sections amounted to one-half. Undoubtedly, when the price of butter is reasonable, many people who would use oleomargarine under other circumstances prefer butter to this substitute. Owing to the present legitimate methods of dealing in this commodity it will always be in demand, and the extent of its use in place of butter will depend to some extent on the prices charged for this latter substance. Only eighty-eight dealers were licensed to sell oleomargarine during the year as against 111 in 1910. Last year was also the first since 1905 when a decrease in licensees over a preceding year was noted. The number of licensees last year is in excess of that of any recent year excepting 1910.

Not many instances of violation of the oleomargarine law came under the observation of the Bureau, and it is believed that in most instances there was compliance with the legal requirements. The majority of the cases brought to the attention of the courts were for the serving of oleomargarine in restaurants and boarding houses without the notification required by law. In all, fifteen such actions were undertaken.

There is one feature of the oleomargarine law which ought to be revised, and that is the matter of fines. These are excessive, and should be reduced so as to be commensurate with the offence. When it costs less, as it does at present in most instances, to assault an individual than it does to commit minor offences like the sale of oleomargarine for butter, or the sale of this compound in an unmarked wrapper or tub, then it is time that the penalties for these latter crimes should be brought within reasonable limits. Such reduction is strongly recommended.

VINEGAR.

The former vinegar law underwent change and received some additions at the hands of the Legislature of 1911. Cider vinegar was defined as the "exclusive product of the alcoholic and subsequent acetous fermentation of the pure juice of fresh apples"; the amount of cider vinegar solids was reduced to 1.8 per cent when the cider vinegar was given "full evaporation at the temperature of boiling water." A new section was added which dealt with the branding of vinegar when sold in containers by manufacturers, producers or wholesalers. An important feature of this section is the omissions, as it neither affords the consumer protection nor applies to retailers. In fact the latter may, if he chooses, remove these brands and labels with impunity. In the matter of the purchase of bulk vinegar, consumers rarely see the barrels used as containers, so that the brands seldom serve any useful purpose in retail sales. Another new phase of this law is that requiring that in cases of prosecution a portion of the vinegar examined be sealed by the analyst and set aside for the use of the defendant. In one sense this is a fair proposition, but in another it is unjust for, as the law stands, it leaves the community at the mercy of the defence, there being no provision for punishment of those who tamper with these specimens after they leave the hands of the officials. There is some reason for the belief that there may have been manipulation of samples in some of the recent cases which came before the courts. To prevent such change of samples and safeguard the public it is suggested that defendants be required to seal a portion of the sample received from the government, such specimen, in cases where the results of examinations differ, to be at the disposal of the court or government for

comparison with the original product. A penalty for tampering with a sealed sample or counterfeiting a seal should also be provided.

This law went into operation on July 1, and shortly afterward it became apparent that advantage was being taken of that provision of the law which reduced the solids in cider vinegar to 1.8 per cent (the former standard being 2 per cent), by the finding of large quantities of alleged cider vinegar in which the solids were below the present standard. This product was undoubtedly a part of two lots mixed by one dealer, whose evident desire was to use the new standard to his financial advantage. A determined effort was made to stop this traffic by the bringing of prosecutions. These were vigorously defended, but in most instances the courts have upheld the contention of the government. An effort was also made to stop the sale of vinegar which was considered not to be the exclusive product "of the pure juice of fresh apples." Cases were also brought for the sale of molasses vinegar which had the appearance of being fictitious; for the sale of this vinegar in improperly branded casks, and for its sale at retail in imitation of other kinds of vinegar. All of these latter actions have resulted favorably to the government in the lower courts, and are now pending on appeal in the Superior Court. There have been other prosecutions for the sale of vinegar of low acidity, and for the sale of vinegars made from various substances as cider vinegar. In nearly all of these cases the fines imposed have been paid in the lower courts.

Based on the experience which has come from the enforcement of laws relating to vinegar, it is apparent that it is practically impossible to frame a measure based upon the lines previously followed which will check the almost universal manipulation of this product. Up to the present time it has been found impossible to devise a law which will define cider, molasses or any other kind of vinegar so as to effectually stop the operations of those who desire to defraud the public to their own profit. It appears that these laws really give the vinegar maker an opportunity to cheat consumers, without giving the latter adequate protection. To the former these measures practically act as a license, and legalize business which, from the viewpoint of justice, is clearly wrong. Thus any law which recognizes cider vinegar safeguards the name of this article for the

financial benefit of the unscrupulous manufacturer, but no law yet devised will prevent the fabrication of this product by such concerns, to the financial detriment of the consumer. An effective means of removing this protection for vinegar manufacturers, and the opportunities for illegitimate profits which come from present laws, would be to so legislate that there should be only two standards for vinegar, and to prohibit absolutely the use in any manner of descriptive terms, such as cider, apple, molasses or syrup, to this commodity. If this was done, the temptation to defraud would be eliminated, and the public would obtain as good and probably a superior product at a great saving of money. No doubt if a law based on this plan was adopted, consumers could save at least ten cents on each gallon of vinegar purchased. The manufacturer could still use any wholesome material as a source of vinegar, but the unwarranted prices which are now paid for vinegar substitutes, such as sold for cider vinegar, for illustration, would be unobtainable. In fact the blending of vinegar would soon become unknown.

The value of vinegar lies in its acetic acid content, which, if eliminated, would make the remainder unsalable, regardless of whether it was fictitious or made from cider or some other substance; and the public is not seriously interested in whether it is cider, molasses or some other kind of vinegar, if the acidity is present. Consequently the only standards which should be the subject of legislation in dealing with this vinegar are those fixing the percentage of acetic acid and prohibiting its containing anything injurious to the public health. The product ought to be sold only as vinegar, and the employment of descriptive terms, as above outlined, should not be allowed. Below is given an outline of a proposed law based on the above principles:

SECTION 1. Vinegar shall contain not less than four and one-half per cent by weight of absolute acetic acid and shall be free from all substances injurious to health. Whoever, himself or by his servant or agent or as the servant or agent of another person, sells, exchanges or delivers or has in his custody or possession with intent to sell, exchange or deliver, or exposes or offers for sale or exchange any vinegar containing less than four and one-half per cent by weight of absolute acetic acid or which contains substances injurious to public health, shall be punished by a fine of not more than one hundred dollars.

SECT. 2. No person who sells vinegar either by himself or by his agent shall apply in any manner any descriptive term to vinegar which indicates the substance or materials from which vinegar is made, or employ any prefix descriptive of such substance or materials in connection with the word vinegar. Whoever in the sale of vinegar by himself or by his servant or agent or by the servant or agent of another person applies, brands, bills or in any manner uses any descriptive term or employs any prefix in connection with the word vinegar which indicates the substance or materials from which vinegar is made, or whoever by himself or by his servant or agent or as the servant or agent of another person sells, exchanges or delivers, or has in his custody or possession with intent to sell, exchange or deliver, or exposes or offers for sale any vinegar to which any descriptive term has been applied or prefix used in any manner which indicates the substance or materials from which vinegar is made, shall be punished by a fine of not more than one hundred dollars.

SECT. 3. Section two shall not apply to vinegar which is to be used outside of Massachusetts, but the burden of proof that any vinegar branded, marked or represented in any manner contrary to the provisions of section two is to be used outside of Massachusetts shall be upon the defendant.

While the present law must be enforced where possible to do so, it is clear that such efforts in most instances involve the unwise expenditure of energy and of the public funds. Much of the effort now devoted to the enforcement of vinegar laws could with simpler and less legislation be more wisely directed to other channels. This vinegar issue involves commercial fraud and is not a question affecting the public health. Nevertheless the consumer is entitled to and should be accorded ample protection from the purveyors of fraudulent products. The attitude of vinegar makers toward laws regulating this commodity is that these measures apply only to competitors. As individuals, it is the competitor and his products which should receive official attention in every instance.

Much vinegar is now sold in bottles, and this is the most expensive form in which it may be purchased. The capacity of these bottles varies, and only a few of the "pint" bottles hold that amount. A number of "pint" bottles of cider vinegar which retailed at five cents each were recently procured, and it was found that many of them held only about ten ounces. A gallon of such cider vinegar purchased in this manner and at the above price would cost sixty-four cents. By compari-

son with the price of twenty-five cents for a gallon of bulk cider vinegar, the above sum is excessive. Consumers can save money in buying vinegar if it is procured in bulk form.

MISCELLANEOUS EXAMINATIONS.

In addition to the routine work special examinations were made as follows:

One sample of rock salt, one sample of dye, one sample of pills, three samples of candy, four samples of lard, six samples of butter, seven samples of water and fourteen samples of ice — making a total of thirty-seven tests.

COURT CASES.

A summary of the year's prosecutions follows:

For possession, with intent to sell, of milk not of good standard quality	265
For possession, with intent to sell, of milk containing added water	16
For possession of unmarked skimmed milk, with intent to sell	8
For possession, with intent to sell, of milk from which cream had been removed	19
For possession, with intent to sell, of milk containing a foreign substance, as dirt, cane sugar, or annatto	6
For sale of milk, not being licensed	84
For failure to clean milk vessels as soon as emptied	3
For misuse of milk vessels	8
For improper testing of milk by tasting	6
For sale of cream containing less than 15 per cent milk fat	7
For sale of adulterated cider vinegar	18
For sale of adulterated vinegar	11
For sale of vinegar not made from cider as cider vinegar	5
For sale of renovated butter not properly marked	1
For sale of oleomargarine, not being licensed	2
For furnishing oleomargarine in a restaurant	15
For sale of oleomargarine as butter	1
For sale of oleomargarine not properly marked	1
For exposure for sale of oleomargarine in a store in which there was no sign	1

The results of prosecutions were as follows:

Number of warrants returned without service	7
Number of cases on file	74
Number of cases dismissed on motion of complainant	13
Number of cases nol prossed	3
Number of acquittals	17
Number of convictions	363
	477

INCOME.

Amount paid in fines	\$6,222 00
Receipts from license fees	2,502 50
	\$8,724 50

Respectfully submitted,

JAMES O. JORDAN,
Inspector.

APPENDIX.

RECENT DECISIONS OF THE SUPREME
JUDICIAL COURT.

COMMONWEALTH vs. BOSTON WHITE CROSS MILK COMPANY.

Suffolk. March 13, 1911.— May 18, 1911.

Present: KNOWLTON, C. J., MORTON, HAMMOND, LORING, BRALEY, SHELDON, AND
RUGG, JJ.*Milk — Concentrated Milk — Statute — Construction — Words — "Milk."*

At the trial of an indictment charging the defendant with a violation of R. L., c. 56, § 55, in having in his custody and possession with intent to sell milk to which water had been added, evidence introduced by the Commonwealth tended to show that the defendant was adding water and cream and "concentrated skim milk," to what was called "concentrated milk," and that he had a resultant mixture in his possession with intent to sell it, and that the "concentrated milk" was not milk within the meaning of R. L., c. 56, § 55, and put in evidence which tended to show that it was "a manufactured product made from milk as raw material," and was "a mixture of concentrated skim and pasteurized cream," that in its manufacture the cream was separated from the best fresh cow's milk and was subjected to a process of slow pasteurization which evaporated most of the water in it, destroyed the bacteria and made certain chemical changes which were beneficial; the skimmed milk was treated simultaneously to a process of evaporation, agitation and cooling which removed three-fourths of this water, all odors of barns or cows, killed most of the bacteria and made some chemical changes which were beneficial, and the two products thus obtained then were united, making "concentrated milk." There was no evidence as to what generally was known or dealt with in the trade as milk, or that "concentrated milk" had come to be known in the trade as milk. Subject to exceptions by the defendant, the trial judge instructed the jury in substance that the only question for them to decide was whether the substance to which the defendant added water was milk within the meaning of the statute, that they were to decide whether that product "which has been shown here, the method of producing which has been described," was "known and treated generally in the trade as milk as it comes from the cow," that if "that product" had "acquired a standing in the trade as milk, then the statute applies to it, and the defendant is guilty for adding water to it." *Held*, that the instructions were erroneous, because, as a matter of law, if the product called "concentrated milk" was produced by the methods described in the evidence, it was not milk within the meaning of the statute.

Since R. L., c. 56, § 55, which among other provisions makes it unlawful to have in one's possession with an intent to sell "milk to which water or any foreign substance has been added," is a penal statute, its scope is not to be extended beyond the natural meaning of its words, and therefore the word "milk" in the statute does not include a product called "concentrated milk," which is described as a "manufactured product made from milk as a raw material," and as "a mixture of concentrated skim and pasteurized cream," and in whose manufacture the cream was separated from the best fresh cow's milk and was subjected to a process of slow pasteurization which evaporated most of the water in it, destroyed the bacteria and made certain chemical changes which were beneficial; the skimmed milk was treated simultaneously to a process of evaporation, agitation and cooling which removed three-fourths of its water, all odors of barns or cows, killed most of the bacteria and made some chemical changes which were beneficial and the two products thus obtained were united.

The word "milk," as used in R. L., c. 56, § 55, making it unlawful to have in one's possession with an intent to sell "milk to which water or any foreign substance has been added," means whole or natural milk from the cow.

The word "milk," as used in R. L., c. 56, § 55, making it unlawful to have in one's possession with an intent to sell "milk to which water or any foreign substance has been added," means the normal unchanged secretion of the mammary glands of one or more healthy cows, containing not less than twelve and fifteen one-hundredths per cent of milk solids, including not less than three and thirty-five one-hundredths per cent of fat.

INDICTMENT, found and returned on July 10, 1909, charged that the defendant on June 21, 1909, "had in its custody and possession with intent to sell milk to which water had been added."

R. L., c. 56, § 55, hereinafter referred to reads as follows: "Whoever, himself or by his servant or agent, or as the servant or agent of another person, sells, exchanges or delivers, or has in his custody or possession with intent to sell, exchange or deliver or exposes or offers for sale or exchange, adulterated milk, or milk to which water or any foreign substance has been added, or milk produced from cows which have been fed on the refuse of distilleries, or from sick or diseased cows, or, as pure milk, milk from which the cream or a part thereof has been removed, and whoever sells, exchanges or delivers or has in his custody or possession with intent to sell, exchange or deliver, skimmed milk containing less than nine and three-tenths per cent of milk solids exclusive of fat, shall for a first offence be punished by a fine of not less than fifty nor more than two hundred dollars, for a second offence by a fine of not less than one hundred nor more than three hundred dollars, and for a subsequent offence by a fine of fifty dollars and by imprisonment for not less than sixty nor more than ninety days."

In the Superior Court the case was tried before Wait, J. The evidence is summarized in the opinion. At the close of the evidence, the defendant asked the presiding judge to order a verdict of "not guilty," and for the following rulings:

"2. The word 'milk' in R. L., c. 56, § 55, as used in the phrase 'milk to which water or any foreign substance has been added,' means whole or natural milk of the cow.

"3. The word 'milk' in R. L., c. 56, § 55, as used in the same phrase, 'milk to which water or any foreign substance has been added,' means the normal unchanged secretion of the mammary glands of one or more healthy cows, and containing not less than twelve and fifteen hundredths per cent of milk solids, including not less than three and thirty-five hundredths per cent of fat.

"4. If the jury finds that the substance to which the water was added by the defendant was not whole or natural milk of the cow, they must find the defendant not guilty.

"5. The substance to which the water was added by the defendant was not 'milk to which water or any foreign substance has been added,' as used in R. L., c. 56, § 55.

"6. If after the addition of water the resultant mixture was the natural milk of the cow, it could not have been such milk prior to the addition of the water, and the defendant is not guilty.

"7. This indictment was found under R. L., c. 56, § 55. There is a separate section (sec. 59), regulating the sale of condensed milk. There is no statute forbidding the adding of water to condensed milk and offering for sale or selling the liquid resulting therefrom."

The presiding judge refused to rule as requested, and submitted the case to the jury with instructions to which the defendant excepted, as stated in the opinion; the jury found the defendant guilty, and the defendant alleged exceptions.

The case was argued at the bar in March, 1911, before Knowlton, C. J., Morton, Hammond, Sheldon, and Rugg, JJ., and afterwards was submitted on briefs to all the justices.

J. K. Berry (E. C. Upton with him) for the defendant.

A. C. Webber, Assistant District Attorney, for the Commonwealth, submitted a brief.

SHELDON, J. The indictment charges the defendant with having in its possession with intent to sell "milk to which water had been added." The evidence was to the effect that the defendant, having in its possession one hundred and twenty quarts of what was called "concentrated milk," had added thereto three hundred and sixty quarts of ice water, one gallon of heavy cream said to contain forty per cent of milk fat, and four gallons of "concentrated skim milk"; and that the defendant intended to sell the mixture thus prepared. The government put in no testimony to show what was the composition of the "concentrated milk" which was the basis of the mixture intended to be sold, or how, where, or by whom this basis had been prepared or manufactured, except as follows: There was

testimony that this "concentrated extract" looked like condensed milk, that it was white, thick, and of the consistency of molasses, and a half pint bottle containing a thick, white liquid was put in as an exhibit of the "extract"; and it was testified that the "extract" to which the defendant had added water had the appearance of this exhibit. It also appeared that samples of the defendant's product had been taken by an assistant of the inspector of milk and had been analyzed by another assistant. Neither of these assistants testified, and no analysis of the defendant's "concentrated extract or product," or of the mixture when diluted as aforesaid, was put in evidence by the government. The defendant contended that the "concentrated milk" or extract to which it had added water was not milk within the meaning of the statute. It put in evidence of the following alleged facts, which so far as appears were not controverted: The defendant obtained a license under letters patent of the United States for the production and sale of "concentrated milk," and built and equipped a factory for that purpose in Vermont. It bought from farmers in that vicinity the best fresh milk obtainable, such as was by test up to or above the standard fixed by the statutes of this Commonwealth. St. 1908, c. 463. From this milk it separated the cream, and treated separately the cream and the skimmed milk. The cream was treated for some hours to a temperature of not more than one hundred and forty degrees by means of hot water pipes or jackets applied to the containing tanks, with the result that the cream became pasteurized at a temperature lower than that of ordinary pasteurization, the greater part of its water was evaporated, the bacteria in it were destroyed, and beneficial changes in it took place, so as to increase the time during which it would remain fresh and sweet, whereby it was purified and yet retained the taste and all the digestive and other qualities of the best fresh cream. The skimmed milk was simultaneously treated in other tanks by similar application of heat and at the same time agitated and cooled by cold air blasts for about five hours. This brought about the evaporation of at least three-fourths of the contained water, together with all odor from barns or cows, and killed the most of the bacteria in the milk. The original skimmed milk was thus concentrated and reduced to about one-fourth of its original volume and was at the same time purified or pasteurized, but at a low temperature, so that the milk solids were not so far cooked or changed as to make them less digestible or nutritious than in the original milk. The cream and the skimmed milk, thus separately treated, were then in certain proportions carried through pipes into a mixing tank, where they were blended according to a formula, so that the milk solids and the fat should be not less than four times the amount required by our statutes for standard milk and the water should not exceed one-fourth part of that allowed for such standard milk. This final product was the "concentrated milk" manufactured by the defendant, to which as aforesaid it added three parts of water, with the intention of selling the mixture thus produced.

Qualified experts also testified for the defendant that the chemical changes produced by the process stated were a mild form or incipient stage of curdling or coagulation of the protein of the milk, like that of the white of a soft boiled egg; that there was some precipitation of the sugar and the phosphatic substances, the water and the gases were driven off, and the bacteria were reduced in number from several hundred thousand down to a few hundreds; that the concentrated product was not milk, but a manufactured product made from milk as a raw material; that the pasteurization process used by the defendant for cream differed from the ordinary pasteurization, and the concentration process used for the skimmed milk was different from any method previously known or used for evaporating or condensing milk; and that the defendant's "concentrated milk" was not a condensed milk such as was previously known in commerce. One of these witnesses testified that whole or natural milk is milk as it is taken from the cow's udder; that the defendant's product was not milk and was not evaporated milk, which is whole or natural

milk with the cream in and evaporated; that it was not the ordinary condensed milk of commerce, but that he would call it "a mixture of concentrated skim and pasteurized cream."

There was no evidence as to what was generally known or dealt with in the trade as milk.

It appears to have been undisputed that the mixture which the defendant intended to sell, being substantially a mixture of its "concentrated milk" with three parts of water, was fully up to the standard fixed by St. 1908, c. 643, was not adulterated, and had had no water or foreign substance added to it, except, as has been stated, by the addition of three parts of water to one part of the "concentrated milk." It was assumed at the trial that in order to convict the defendant it must have been shown that the "concentrated milk" to which the defendant had added water was "milk" within the meaning of R. L., c. 56, § 55.

The judge told the jury that the question was simply this: "Was the substance to which water was added by the defendant . . . milk within the meaning of the particular statute?" He said that milk was the "normal secretion from the mammary glands of the cow substantially in the form in which it is taken from the cow . . . or any substance generally known or dealt with in the trade as milk as already defined. . . . If cream is generally known in the trade in that way it is milk, if chalk and water are generally known in the trade and generally dealt with in the trade as milk, so that when a man says he wants to buy milk, in the trade it is understood chalk and water can be given to him, then that is milk within the language of that statute. But unless chalk and water is so understood, or unless any other product is actually and generally understood in the trade to be the same thing as milk as it comes from the cow, then it is not milk within the statute. . . . That is the question you have got to decide: Was that product which has been shown here, the method of producing which has been described, known and treated generally in the trade as milk as it comes from the cow? Could you sell that product just as it stood on a contract which called on you to deliver milk? If you could deliver that product just as it stood, then the defendant is guilty; if you could not, then the defendant is not guilty." And this instruction was repeated more than once, in strong and unmistakable language. In his closing words to the jury the judge said: "Is this product milk? If it is known in the trade, if it has acquired a standing in the trade as milk, then the statute applies to it, and the defendants are guilty for adding water to it."

It is not contended that the manufactured product of the defendant, to which it added water for reduction and sale, was natural milk as it comes from the cow. And we have searched the evidence in vain for anything upon which it could be found that this manufactured product had come to be known in the trade as milk. Certainly there is no such intimation in the testimony of the government, and that put in by the defendant is wholly to the effect that the defendant's "concentrated milk" was a new and unique product, manufactured only since 1908, under letters patent, at a factory equipped for that purpose, shipped to the defendant's place of business in Boston, and there extended by the defendant and put upon the market only in its diluted form. There is nothing in the evidence tending to show that the concentrated product had been dealt with in the market, or had been the subject of trade, or even had been in the hands of any dealers other than the defendant itself. A contract for the delivery of milk would not be satisfied by the delivery of this concentrated product, which must be diluted by the addition of water before it could be drunk like milk or made available for use as milk in the ordinary manner. It is no more milk within the meaning of such a contract than natural milk which does not come up to the prescribed standard. *Copeland v. Boston Dairy Co.*, 184 Mass. 207, and 189 Mass. 342. The fact that the word "milk" in this statute has been construed to include cream as one of its natural components (*Commonwealth v. Gordon*, 159 Mass. 8), does not indicate that it should include

also a substance produced from it by a process of manufacture with artificial appliances involving some chemical changes. The substance itself is not milk, just as butter and cheese and condensed milk are not themselves milk.

For these reasons the defendant's exceptions to the instructions given to the jury must be sustained. But as the result thus reached is merely to send the case to a new trial, when the other questions raised by these exceptions would necessarily have to be determined, we deem it proper to consider the fundamental question whether upon the facts here presented a conviction could be supported. So far as it bears upon this indictment, our statute provides for the punishment of any one who has in his custody or possession with intent to sell "milk to which water . . . has been added." R. L., c. 56, § 55. That is the only offence here charged. It has been suggested that as there is no dispute that the mixture which the defendant produced by adding water to its "concentrated milk" did contain water which had not come from the cow but had been added to the mixture, the mixture itself was within the meaning of the statute milk to which water had been added. But we are unable to accept this argument. If it were sound, then for the same reason one who sold or had in his possession with intent to sell ordinary condensed milk which had been so extended so as to resemble natural milk in appearance would be liable to conviction upon a charge like this. But we are dealing with the penal statute, and its scope is not to be extended beyond the natural meaning of its words. When the Legislature dealt with the sale of condensed milk, it used those words. R. L., c. 56, §§ 59, 63. It is claimed, to be sure, that the defendant's product is not condensed milk, but it certainly resembles that other manufactured article more closely than it does natural milk.

Moreover, the object of our statutes regulating the sale of milk, to ensure the supply to customers of a pure, unadulterated article of a certain nutritive value, is not interfered with by what the defendant has done. As we have seen, it was not denied that the diluted or extended mixture which it intended to sell was fully up to the required standard; it was not contended that it contained any more water, was of any less nutritive value or was less fitted in any respect for a food, than the best natural milk. If, as the evidence tended to show, the process of modified pasteurization to which the manufactured product had been subjected had resulted in greatly diminishing the number of bacteria and in prolonging the time during which the extended mixture could safely be kept, this is neither a reason against its use nor an argument for extending the statutory prohibition so as to include a product which is neither within the common meaning of its words nor, so far as now appears, within the mischief which the statute was designed to prevent.

If it should appear in any other case that such a product as this, after having been extended into the form in which it was intended to be sold and used, had been further altered by the addition of water or any other foreign substance, whether by the defendant or by any other person, a different question would be presented. But that is not this case. So, too, if the use of the defendant's product shall be found to involve any danger to the public health, or any risk of fraud being practised by the sale of this manufactured article as milk, the Legislature undoubtedly will make proper provision against such evils. But it is not for us to extend the operation of the present statute beyond its legitimate scope.

The majority of the court are of opinion that if, as upon this bill of exceptions seems to have been the case, it was conceded by the government that the defendant's "concentrated milk" was such a substance, manufactured in such a manner, as appeared by the defendant's evidence, the jury should have been instructed to return a verdict of not guilty. If this was not the case, then the defendant's second and third requests should have been given substantially as asked for.

Exceptions sustained.

COMMONWEALTH *vs.* WILLIAM W. DREW.

Suffolk. February 28, 1911.—April 4, 1911.

Present: KNOWLTON, C. J., HAMMOND, BRALEY, SHELDON, AND RUGG, JJ.

Board of Health — Municipal — Milk.

The board of health of a city, undertaking to act under the authority given to them by R. L. c. 75, §§ 65, 140, made the following regulation: "No person or corporation shall sell or offer, expose or keep for sale in any shop, store or other place where goods and merchandise are sold, milk or cream, unless the same is sold or offered, exposed or kept for sale in tightly closed or capped bottles or receptacles, which have been approved by the board of health." *Held*, that the statute, which confines the jurisdiction of the board to examining into all nuisances, sources of filth and causes of sickness in the city that in their opinion may be injurious to the public health, to destroying, removing or preventing "the same as the case may require," and to making "regulations for the public health and safety relative thereto and to articles . . . capable of containing or conveying infection or contagion or of creating sickness which are brought into or conveyed through" the city, does not give the board power to make a regulation as to the sale of milk kept and sold in any such way as does not threaten the public health.

A dealer in milk in a city kept in his store for sale wholesome milk of standard quality in a new tin cylinder or vessel with a new, clean removable top, the vessel being contained in a covered cooler, which was kept in a location and under such conditions as were approved by the board of health, contained wholesome, clean ice, and was properly drained and cared for and tightly closed except when milk or ice was being removed from or introduced into it. The milk always remained at a temperature less than fifty degrees Fahrenheit, and none of it was allowed to stand outside of the cooler except when a sale was being made. The measure which was used in retailing the milk was new and clean and hung inside the cylinder which contained the milk. The cylinder was simple in shape, was easily cleaned and was susceptible of perfect sterilization. *Held*, that R. L. c. 75, §§ 65, 140, gave to the board of health of the city no jurisdiction or power to take any action or to make any regulation with regard to milk so kept and sold.

COMPLAINT received and sworn to in the Municipal Court of the City of Boston on November 29, 1910, charging the defendant with a violation of a regulation of the board of health relative to the sale of milk, as stated in the opinion.

On appeal to the Superior Court, the case was tried before *Stevens, J.*, upon an agreed statement of facts. The defendant asked for rulings that upon the facts in proof there was no evidence upon which the defendant could be found guilty, and that a verdict of not guilty should be ordered; that the regulation upon which the complaint was founded was invalid and void, in that it was unreasonable and not within the lawful exercise of any police power of the Board of Health of the City of Boston, and in that it was in violation of the limitations and restrictions of the Constitution of the Commonwealth and of the United States, and that no conviction could be had for the violation of the regulation with which the defendant was charged.

The rulings were refused. The defendant was found guilty, and the presiding judge reported the case for determination by this court, with the following stipulation: "If any one of the rulings requested by the defendant should have been given, the verdict is to be set aside and a verdict of not guilty is to be directed by the court. If there is no error in my rulings, the verdict is to stand as rendered."

The case was submitted on briefs.

M. J. Sughrue, for the defendant.

M. J. Dwyer, Assistant District Attorney, for the Commonwealth.

KNOWLTON, C. J. This is a complaint against the defendant for the violation of a regulation of the Board of Health of the City of Boston, relative to the sale of milk. The material part of the regulation is as follows: "No person or corporation shall sell or offer, expose or keep for sale in any shop, store or other place where goods and merchandise are sold, milk or cream, unless the same is sold or offered, exposed or kept for sale in tightly closed or capped bottles or receptacles, which have been approved by the board of health." It was agreed that milk was kept for sale by the defendant in a vessel contained in a covered cooler, in his store; that it was always kept at a temperature less than fifty

degrees Fahrenheit, and that none of it was allowed to stand outside of the cooler except while a sale of milk was being made; that the cooler was always kept properly drained and cared for and tightly closed, except during such interval as was necessary for the introduction or removal of milk or ice, and was kept in such location and under such conditions as were approved by the board of health. The milk was wholesome milk of standard quality, was taken from a clean, new tin cylinder or vessel, set in a clean, new ice chest, surrounded by clean wholesome ice. The vessel had a removable cover which was new and clean, and the measure which was used by the defendant in retailing the milk was new and clean, and hung inside the tin cylinder so that it was not exposed to the air. The cylinder was simple in shape, is easily cleaned, and was susceptible of perfect sterilization. The sales were made in any quantities desired by customers, from one cent's worth upward. The defendant's store was in a district in which many poor people live, and facts were agreed tending to show that such people often want to purchase a quantity less than the quantity contained in the smallest bottles used, and would be put to inconvenience by the enforcement of the regulation.

We do not consider the question whether this regulation is beyond the constitutional power of the Legislature to enact as a statute, or to authorize the board of health to establish locally. For we are of opinion that the statute under which the board assumed to act (R. L. c. 75, § 65) is not broad enough to give them this authority. It is as follows: "The Board of Health shall examine into all nuisances, sources of filth and causes of sickness within its town, or on board of vessels within the harbor of such town, which may in its opinion be injurious to the public health, shall destroy, remove or prevent the same as the case may require and shall make regulations for the public health and safety relative thereto, and relative to articles which are capable of containing or conveying infection or contagion or of creating sickness which are brought into or conveyed from its town, or into or from any vessel." By § 140 of this chapter the section is made applicable to cities.

This statute does not give the board power to make regulations as to all matters affecting the public health. If the board should be certain that the smoking of cigarettes by boys affects their health injuriously, it would have no power to make a regulation forbidding the smoking of them by boys under a certain age, or the sale of them to such boys. It has no power to make general regulations as to conduct or practices injurious to health, which if indulged in by many persons, affect the health of the public. The statute above quoted gives the board jurisdiction to deal with "nuisances, sources of filth and causes of sickness within its town." Plainly the milk in question was not a nuisance or a source of filth. In determining the meaning of the words "causes of sickness," the doctrine *noscitur a sociis* is to be applied. It is a little broader term than the two terms that precede it, but it is of the same general character. Primarily it refers to something local, and the board is directed "to destroy, remove or prevent the same." In § 67 we have another indication of the meaning of these words in the requirement that the board shall order the owner or occupant of private premises to remove any "nuisance, source of filth or cause of sickness found thereon." So under § 74 he may obtain a warrant directed to an officer or to a member of the board commanding him to destroy, remove, or prevent any "nuisance, source of filth or cause of sickness," in reference to which they have made complaint to a magistrate. We are of opinion that, within the meaning of the language in these sections, milk kept in a vessel, as this was kept by the defendant, was not a "nuisance, source of filth or cause of sickness," which gave the board of health jurisdiction to take any action or make any regulation under the R. L., c. 75, § 65.

The latter portion of this section gives the board jurisdiction to make regulations "relative to articles which are capable of containing or conveying infection or contagion or of creating sickness which are brought into or conveyed from its town, or into or from any vessel." This has reference to the bringing into the town or conveying away of articles

capable of containing or conveying infection, in such a way as to affect injuriously the public health or safety. The legislation is found in the Rev. Sts., c. 21, § 6, in which the language is "when such articles shall be brought into or conveyed from their town, or into or from any vessel." In the Gen. Sts., c. 26, § 5, the words "when such articles shall be" are omitted, and the section reads in this part, "brought into or conveyed from its town, or into or from any vessel." In Pub. Sts., c. 80, § 18, the language is the same. We are of opinion that this part of the section relates to articles of such a kind as to be dangerous in reference to their capability of containing or conveying infection or contagion, or of creating sickness, in connection with their removal from one town to another. The case of *Train v. Boston Disinfecting Co.*, 144 Mass. 523, relative to the disinfecting of rags, furnishes an illustration of what is meant by the statute.

The regulation in the present case has no reference to property in connection with its removal from one city or town to another, nor is pure milk such an article as is referred to in the statute. We are of opinion that this part of the section does not authorize a regulation as to the sale of milk kept and sold in the manner that is disclosed in this case.

We have no occasion to consider the objection to the regulation in that part which subjects the business to an absolute determination of the board as to whether they will approve of the bottles or receptacles used in making sales. See *Commonwealth v. Maletsky*, 203 Mass. 241.

Verdict set aside.

COMMONWEALTH vs. GRAUSTEIN AND COMPANY.

Suffolk. March 14, 1911.— May 18, 1911.

Present: KNOWLTON, C. J., MORTON, HAMMOND, LORING, BRALEY, SHELDON, AND RUGG, JJ.

Practice, Criminal, Variance — Evidence — Presumptions and Burden of Proof — Milk Corporation — Liability for Misdemeanor — Words — "Added," "Whoever."

At the trial of a criminal complaint charging that the defendant in that part of Boston called South Boston had in his possession with intent to sell milk "to which a certain foreign substance . . . a further description whereof is unknown to the complainant," had been added, the chemist of the bureau of milk inspection of Boston, who was not the complainant, properly may testify that the foreign substance was "cow dung," such testimony not constituting a variance, because it is a presumption of fact that the statement in the complaint that "a further description" of the foreign substance was unknown "to the complainant" is true, and the fact that the witness knew its real nature does not as matter of law conclusively rebut that statement.

Even although, at the trial of a criminal complaint charging the defendant therein with having in his possession with intent to sell milk to which "a certain foreign substance . . . a further description whereof" was unknown to the complainant, had been added, it should appear that the complainant when he swore to the complaint knew that the foreign substance was cow dung, an exception by the defendant to the admission of evidence of the specific character of the foreign substance would not be sustained, because, the essential elements of the crime being stated correctly in the complaint, the variance would not be prejudicial to the defendant.

At the trial of a criminal complaint charging the defendant with a violation of R. L., c. 56, § 55, in that he had in his possession with intent to sell milk to which a certain foreign substance had been added, the jury in answer to a question submitted to them found that the foreign substance was in whole or in part soluble in milk, and thus a contention, strongly urged by the defendant, that the foreign substance was not "added" within the meaning of the statute, unless it was dissolved, was rendered immaterial; but it was stated that the court did not intimate that in the absence of such finding the contention would have been considered tenable.

It is not an essential element of the violation of R. L., c. 56, § 55, which among other things makes it unlawful to have in one's possession with intent to sell milk to which a foreign substance has been added, that the foreign substance should have been added by the previous voluntary act of some person or persons.

Corporations engaged in the business of selling milk are included in the word "whoever" as it is used in R. L., c. 56, § 55, which provides that "Whoever, himself or by his servant or agent, or as the servant or agent of another person, sells, exchanges or delivers, or has in his custody or possession with intent to sell, exchange or deliver or exposes or offers for sale or exchange, adulterated milk or milk to which water or any foreign substance has been added, or milk of various other descriptions, shall for a first offence be punished by a fine of not less than fifty nor more than two hun-

dred dollars, for a second offence by a fine of not less than one hundred nor more than two hundred dollars and for a subsequent offence by a fine of fifty dollars and by imprisonment for not less than sixty nor more than ninety days."

COMPLAINT, received and sworn to in the Municipal Court of the South Boston district in the City of Boston on December 17, 1909, charging that on December 8, 1909, the defendant within the district of the court "did have in its possession, with intent to sell the same in said Commonwealth, milk to which a certain foreign substance had been and was then and there added, a further description whereof is unknown to the complainant."

On appeal to the Superior Court, the case was tried before DeCourcy, J.

It appeared that a sample of milk was taken from an eight-quart milk can on a wagon of the defendant and that an analysis was made of it by one Frank E. Mott, the chemist to the bureau of milk inspection of Boston. As to a sediment which he found in the milk, he testified: "From examination of the sediment, both microscopical and chemical, I identified in that sediment animal hairs; there are a few animal hairs. By far the greater part of the sediment, considerably over ninety per cent, is material that passed through the alimentary tract of a cow In other words, cow dung."

The defendant excepted to the witness being allowed to call the sediment "cow dung," because the complaint alleged that "a further description" of it than that it was "a certain foreign substance" was "unknown to the complainant."

The witness further testified that over ninety per cent of the sediment was material that had passed through the alimentary tract of the cow, cow dung, composed of two chemical substances, cellulose and vasculose, substances that are foreign to milk.

At the close of the evidence, the defendant asked the presiding judge to rule as follows:

"1. That on the evidence produced by the government it has not proved a case against the defendant within the meaning of R. L., c. 56, § 55."

"9. There is not a substance 'added,' within the meaning of the statute, unless there were such an intimate union of the foreign substance with the milk and its elements that the individual parts of the foreign substance lose their individuality in the milk."

"10. That R. L., c. 56, § 55, does not include the prosecution of corporations within its terms directly or constructively."

"12. That the words 'milk to which a foreign substance had been added' as used in the statute means milk to which a foreign substance had been added or caused to be added by the previous voluntary act of some person or persons."

The rulings were refused.

The presiding judge in his instructions to the jury submitted to them the following question, which they answered affirmatively:

"If the milk in question was milk to which a foreign substance had been added, was that substance in whole or in part soluble in milk?"

The jury found the defendant guilty; and the defendant alleged exceptions.

The case was submitted on briefs at the sitting of the court in March, 1911, and afterwards was submitted on briefs to all the justices.

J. F. Barry for the defendant.

A. C. Webber, Assistant District Attorney, for the Commonwealth.

HAMMOND, J. The evidence of Mott that the substance found in milk consisted in part of "cow dung" was properly admitted. The objection of the defendant that it should have been excluded on the ground of variance is untenable. While it is true that the complaint charges that to the milk there had been added "a certain foreign substance, . . . a further description whereof is unknown to the complainant," still, although some witness called even by the government testified as to the real nature of the substance, it by no means follows as matter of law that at the time the complaint was made the complainant did know its nature.

In the absence of any evidence to the contrary the presumption is that a further description was unknown to the complainant at the time the complaint was made.

Commonwealth v. Thornton, 14 Gray, 41.
Commonwealth v. Coy, 157 Mass. 200.

And the fact that from knowledge obtained after the complaint was made the government or even the complainant himself could give a further description of the substance is immaterial. And that is so even if the complainant before making the complaint could by reasonable inquiry have been enabled to give a further description. Upon this branch of the case the simple question was whether the allegation that a further description was unknown to the complainant was true. In the absence of evidence to the contrary the presumption is that it was true, but when there is evidence in rebuttal of such presumption then the question is for the jury. *Commonwealth v. Thornton, ubi supra*. But, even if it be assumed in favor of the defendant that there was a variance, it appears that the essential elements of the crime are correctly stated, and it does not appear that by the variance the defendant was prejudiced in its defense; and hence the defendant is not entitled to have his exceptions sustained. R. L., c. 218, § 35.

Under the instructions the jury must have found that the milk which the defendant had in its possession with intent to sell contained a substance which got into the milk after it had left the cow; that this substance "could have been kept from getting in there by ordinary, reasonable care on the part of the persons handling the milk from the time it left the cow until the time it was delivered to the customer." In answer to a specific question they found that this foreign substance was in whole or in part soluble in milk. It is argued by the defendant that these findings are not warranted by the evidence; but upon considering the evidence in detail we are of opinion that they are.

It is strongly contended by the defendant that the foreign substance must be soluble in the milk. In view of the special finding this question becomes immaterial in this case. We do not mean to intimate, however, that in the absence of such a finding there would have been anything in the contention.

The defendant further contends that the statute applies only to cases where the "foreign substance has been added or caused to be added by the previous voluntary act of some person or persons." So far as material the statute upon which this complaint is founded reads as follows: "Whoever, himself or by his servant or agent . . . has in his . . . possession with intent to sell . . . adulterated milk or milk to which water or any foreign substance has been added, or milk produced from cows which have been fed on the refuse of distilleries, or from sick or diseased cows, or, as pure milk, milk from which the cream or a part thereof has been removed . . . shall . . . be punished."

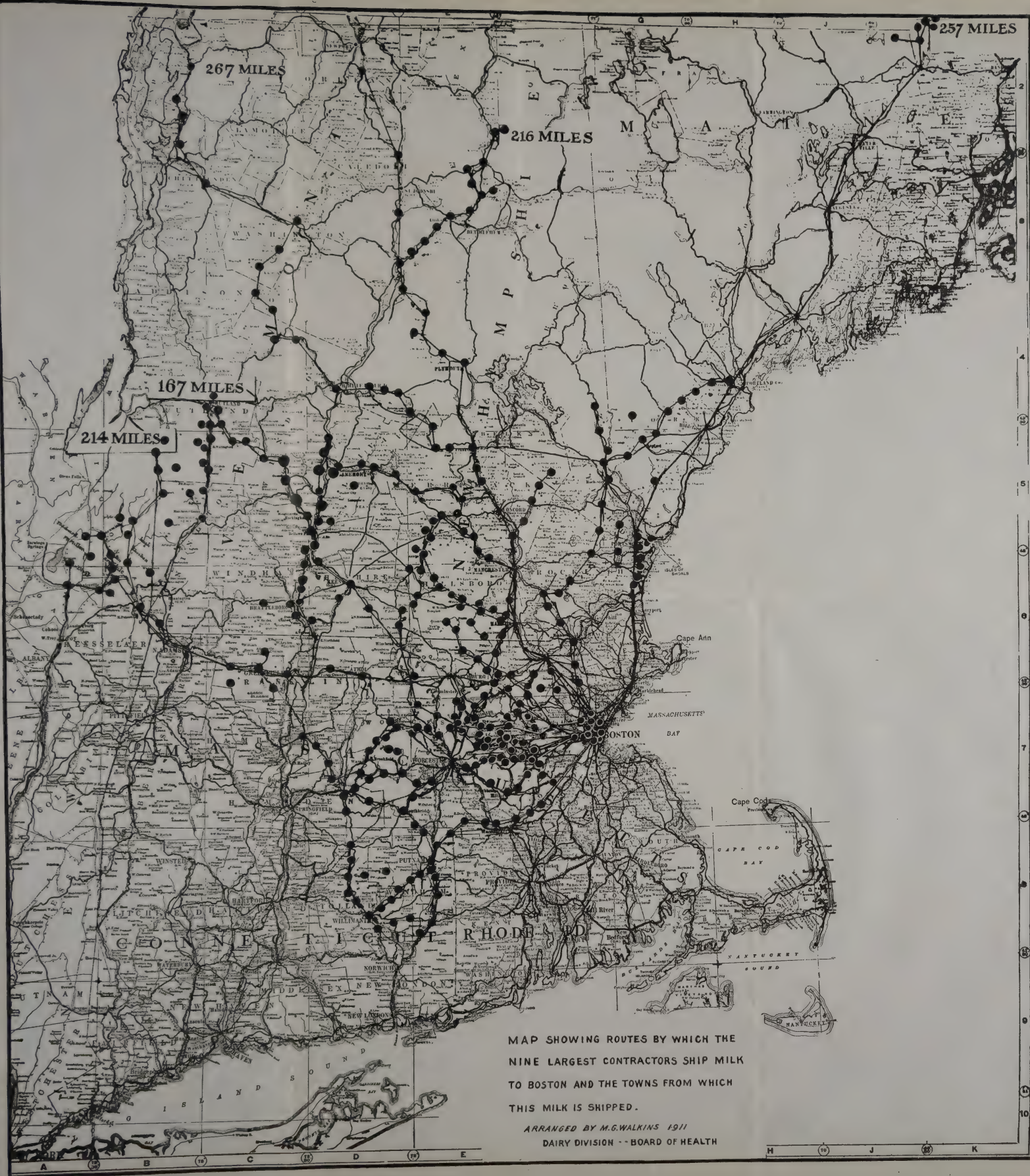
No extended citation of authorities is needed in support of the proposition that in this class of cases the criminal intent is immaterial. See *Commonwealth v. Mixer*, 207 Mass. 141. The history of the milk legislation in this Commonwealth shows conclusively the determination of the law making power to protect the community from adulterated or impure milk. The ultimate purpose is to have pure milk, and to impose upon milk dealers the duty of seeing that the milk is such. In many cases it would be practically impossible to prove that the foreign substance had been purposely added. Nor does it make any difference to the consumer in what way it has been added. The intent is to see that impure milk be not sold, irrespective of the question by whom or in what way it became impure.

In view of the history of the legislation on this subject, the emphasis placed by the Legislature upon the need of protecting the community from impure milk, and the fact that whether the foreign substance gets into the milk through a positive act intentional or unintentional, or by accident

attributable or not to negligence, is entirely immaterial so far as respects the health of the consumer, which is the ultimate thing to be protected, we are of opinion that the statute is not limited to cases where the foreign substance was added by a previous voluntary act of some person. The instructions to the jury upon this point were sufficiently favorable to the defendant. There is nothing inconsistent with this position in *People v. Bowen*, 182 N. Y. 1, cited by the defendant.

R. L., c. 8, § 5, provides that the word "person" may extend and be applied to bodies politic and corporate," "unless a contrary intention clearly appears." Considering the evil intended to be reached by this statute we are of opinion that the word "whoever" includes a corporation like the defendant. See *Commonwealth v. Boston & Worcester Railroad*, 11 Cush. 512; *Commonwealth v. Boston Advertising Co.*, 188 Mass. 348; *Commonwealth v. New York Central & Hudson River Railroad*, 206 Mass. 417. The case is clearly distinguishable from *Benson 206 v. Monson & Brimfield Manuf. Co.*, 9. Met. 562.

Exceptions overruled.

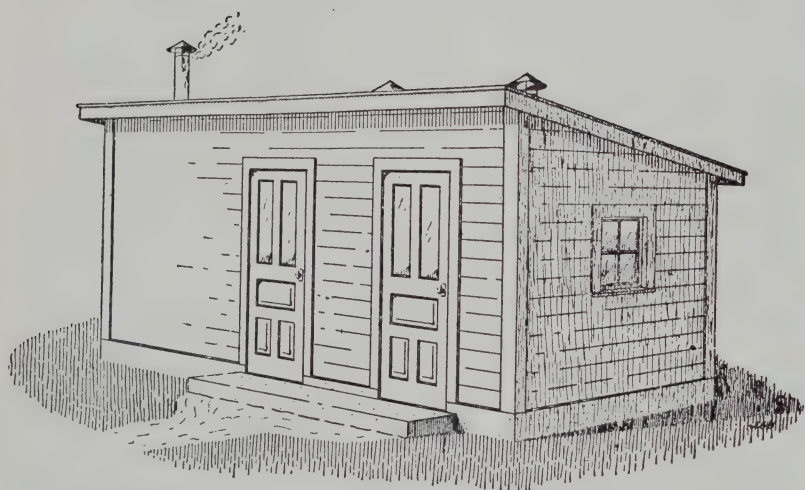


MAP SHOWING ROUTES BY WHICH THE
NINE LARGEST CONTRACTORS SHIP MILK
TO BOSTON AND THE TOWNS FROM WHICH
THIS MILK IS SHIPPED.

ARRANGED BY M.G. WALKINS 1911

DAIRY DIVISION - BOARD OF HEALTH





INEXPENSIVE SANITARY DAIRY HOUSE. PERSPECTIVE VIEW. PICTURE TAKEN FROM
CIRCULAR 195, UNITED STATES DEPARTMENT OF AGRICULTURE, BUREAU OF
ANIMAL INDUSTRY.



SHED CONSTRUCTED AT SMALL EXPENSE AND USED FOR STORAGE OF MILK.



MILK ROOM CONDEMNED BY THE BOARD OF HEALTH.

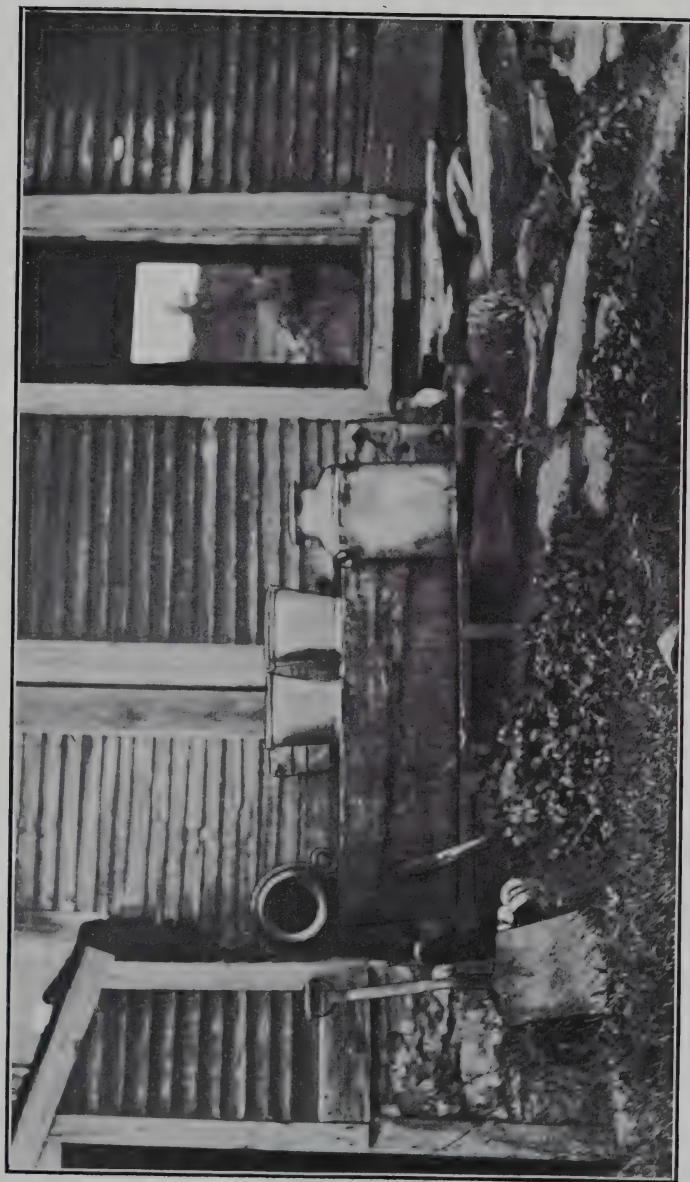
Improperly constructed. Deficient in light and ventilation. Insanitary method of cooling and storing milk.



TROUGH USED FOR COOLING AND STORAGE OF MILK, ALSO USED AS ANIMAL DRINKING TROUGH.
CONDEMNED BY THE BOARD OF HEALTH.



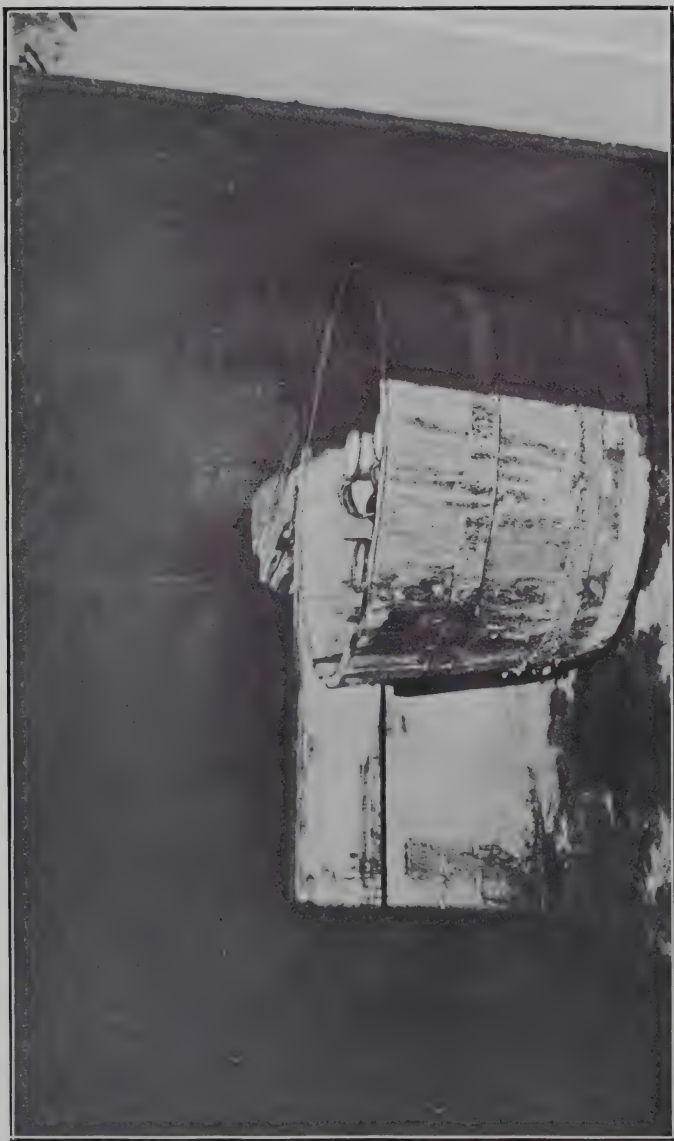
TUB USED FOR COOLING AND STORAGE OF MILK, ALSO USED AS ANIMAL DRINKING TROUGH.
TUB IN RAMSHACKLE SHED IN ONE CORNER OF BARNYARD.



TROUGH OUTSIDE OF TIE-UP WHERE MILK WAS STRAINED, COOLED AND STORED. EXPOSED TO THE DUST AND DIRT OF THE BARNYARD.



IMPROPER METHOD OF COOLING AND STORAGE OF MILK.



IMPROPER METHOD OF COOLING MILK. NOTE THE UNCOVERED CANS OF MILK IN TUB.

REPORT OF DAIRY DIVISION.

BOSTON, February 1, 1912.

Board of Health:

GENTLEMEN,— I have the honor to submit the following report of the Dairy Inspection Division of this department for the year ending January 31, 1912:

There are about 6,700 dairy farms supplying market milk to this city, and the longest distance any milk is hauled is 267 miles. The milk producers are located in Maine, New Hampshire, Vermont, Connecticut, New York and Massachusetts, and to cover this territory six inspectors are kept continuously on the work. The territory is divided into six districts and inspectors visit each district every two months.

METHOD OF INSPECTION.

The score card approved by the United States Government is used in this work. The inspector makes his field inspection preferably at time of milking and either the producer or his immediate representative is present. The dairy is scored and all improvements and recommendations are outlined under the heading "Remarks." The method of scoring is explained to the producer is shown how an increased rating can be secured. This score is made in triplicate; the original is filed in this office, a copy left with the producer, and the third copy is sent to the contractor handling the milk in Boston. In this manner all parties concerned with the handling of milk are acquainted with the actual conditions of the dairy. The score card left with the producer serves as a guide, showing whether a dairy has improved or retrogressed on subsequent inspections.

A standard of 45 per cent of the total score on the score card must be obtained before the dairy is considered to be in a satisfactory sanitary condition. If this percentage is not reached on the first inspection two weeks are allowed to bring the dairy up to a satisfactory standard. If on the second inspection no improvement is shown and the score is still unsatisfactory the sale of the milk is prohibited in Boston.

On all subsequent inspections if the score is unsatisfactory the dairy is stopped from selling the product in Boston. During the year closing February 1, 1912, 9,356 dairies were scored, all sending milk to Boston. Of this number, 7,834 had a satisfactory score and 1,522 were unsatisfactory, and 500 of the latter were permanently excluded from Boston because the owners would not cooperate with this division in the matter of sanitation and clean handling of the milk.

The milk from twenty-five dairies was excluded from Boston owing to the presence of communicable disease on the farm or among the handlers of the milk. Before these dairies resumed sending milk satisfactory assurance was given by the State Board of Health that the milk carried no infection.

In a number of instances milk excluded from this city on account of unsatisfactory conditions at the dairies where produced was diverted to other cities and towns in the vicinity of Boston and sometimes found its way to this city through these localities, thereby defeating the whole object of inspection. To overcome the situation this division originated a form of notification to fourteen cities and towns of all dairies the product of which was excluded from this city. The producer's name, address, contractor shipped to and reason for exclusion were given. This city also agreed to respect all similar notices from the other cities and towns. It is felt that this form of notification will prevent the sale in any locality of dirty, unsafe milk.

In past years dairies were scored by inspectors in the employ of the contractors but, excepting the reports of one inspector, they were found unreliable and did not report true conditions of the dairies. These reports are not now being received by this office.

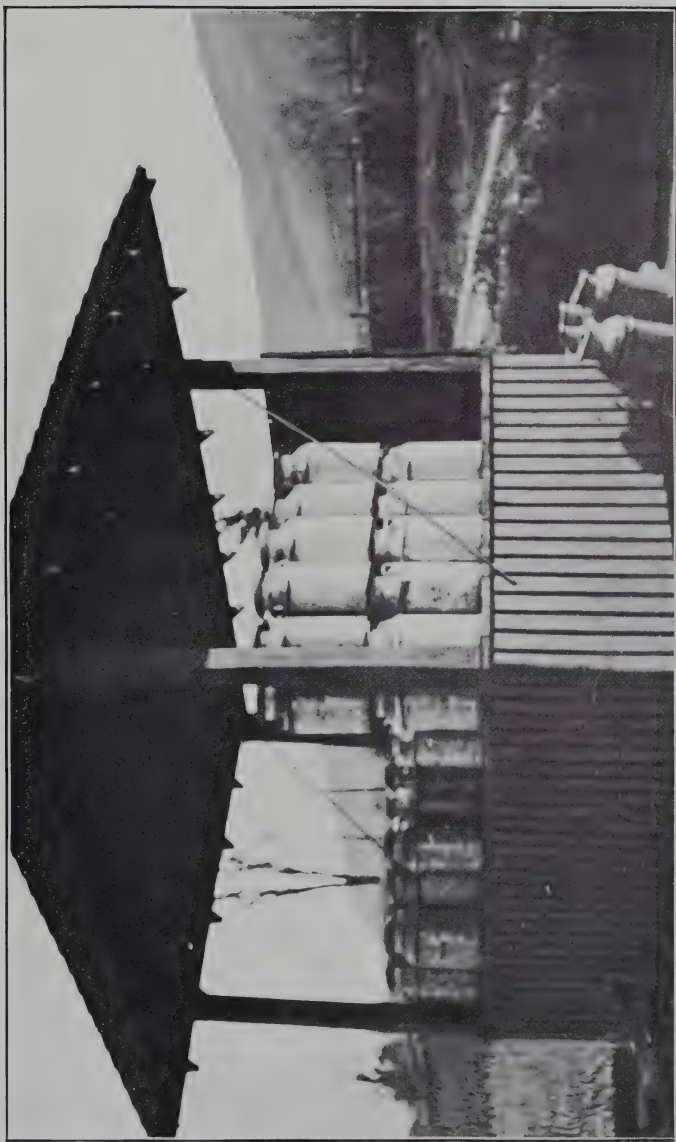
All cows producing milk are given a careful physical examination, particular attention being paid to the udders and teats. Insistence has been placed on the fact that the cows, and especially the udders, must be kept clean, all utensils used must be scrupulously clean, all handlers of milk must be personally clean and free from any communicable disease, the milk be immediately removed after milking each cow, to be strained and cooled in a separate, clean, well ventilated and drained room used exclusively for the purpose, and then stored at a low temperature preparatory to shipment.



TWO DEAD CALVES FOUND LYING WITHIN EIGHT FEET OF MILK ROOM. HAD BEEN THERE ABOUT TWO WEEKS. THE OWNER OF THIS DAIRY, WHICH IS IN VERMONT, TOURS THE SURROUNDING COUNTRY GIVING LECTURES ON "MODERN DAIRYING METHODS."



CORNER OF MILK ROOM IN SAME VERMONT DAIRY AS PRECEDING
PICTURE. FARM IMPLEMENTS AND RUBBISH LITTERED THE FLOOR.



RAILROAD RECEIVING STATION IN VERMONT.

One of our hardest problems was to compel the producers to provide these milk rooms, but this has been overcome and it will readily be seen what a great advance has been made in producing a clean, safe milk when it is shown that 3,691 of these milk rooms have been provided during the past year. Some of these rooms have been installed at much expense and are separate from the rest of the building. Other rooms have been installed in the buildings and are very satisfactory from a sanitary standpoint.

In 2,411 places manure was found in or about the tie-up, thereby contaminating the stable air and providing breeding places for flies. These conditions have been remedied in every place. Particular attention has been paid to the kind of bedding provided for cows, and in all places where sand and horse manure were used the practice has been discontinued.

All milking stools have been carefully inspected, and as these utensils are the last to be touched by the hands of the milker before beginning the manipulation of the teats, insistence has been made that these utensils be kept scrupulously clean. In a number of instances pigs, horses and hens have been found in the tie-ups. In all cases these animals have been removed. It is now extremely rare to find privies in the tie-ups, but in all cases where found they have been immediately removed.

Particular attention has been paid to the light and the ventilation of these barns, and in the past year 2,178 barns have been provided with additional light and better ventilation.

It was found that 315 producers in different states were cooling and storing milk in the troughs from which the horses and the cattle drank, thereby exposing the milk to almost certain contamination. This practice has been discontinued in all these places.

One of the most objectionable and in sanitary features of the production of milk has been the practice of straining the milk back of the cows or in the immediate vicinity of the tie-up. This practice was found to prevail at 3,634 places and was immediately corrected or the sale of milk in Boston prohibited.

In 1,060 places construction of the barn was faulty, and these conditions are being rapidly corrected.

In 2,013 places the cows were found unclean. These conditions were found to prevail more in the winter

months than during the summer. Constant inspections and repeated warnings to the producers are necessary in order that the cows be clean and kept clean.

There were 4,636 barns whitewashed under orders from this department during the past year. At 177 places the milking utensils were found unclean, and at 238 barns the utensils were not properly inverted in pure air. Repeated inspections have been made of all milk containers at the plants of the contractors in Boston and also at the farms of the producers. In this manner certain abuses that had crept into the handling and care of these utensils have been eliminated.

At 735 places it was found that the milk was held over from twenty-four to thirty-six hours before being delivered by the producer to the collector, thereby adding to the age of the milk. It was also found that this practice was more general at the places remote from Boston. This state of affairs was immediately corrected or the sale of the milk prohibited in Boston.

The inspectors of this division have closely followed the progress of the milk from the producer to the collector who brings the product to the railroad receiving station. These stations have all been repeatedly inspected and many objectionable and insanitary conditions have been remedied. When first inspected it was found that none of these stations were properly constructed for handling milk. The attendants were careless and in many cases unclean in their personal habits. All milk was pasteurized at the receiving station by using the so-called "flash" method, despite the fact that on its arrival in Boston the milk would be again subjected to a heating process, thereby making the milk doubly pasteurized. All these receiving stations have been reconstructed and the insanitary conditions corrected. However, at the receiving station of one contractor the milk is still being pasteurized. The inspectors have also boarded trains carrying milk to this city and have seen the trainmen remove the covers from the cans, drink the milk, and replace the covers on the cans. Cooperation on the part of the railroad authorities has completely eradicated this abominable practice.

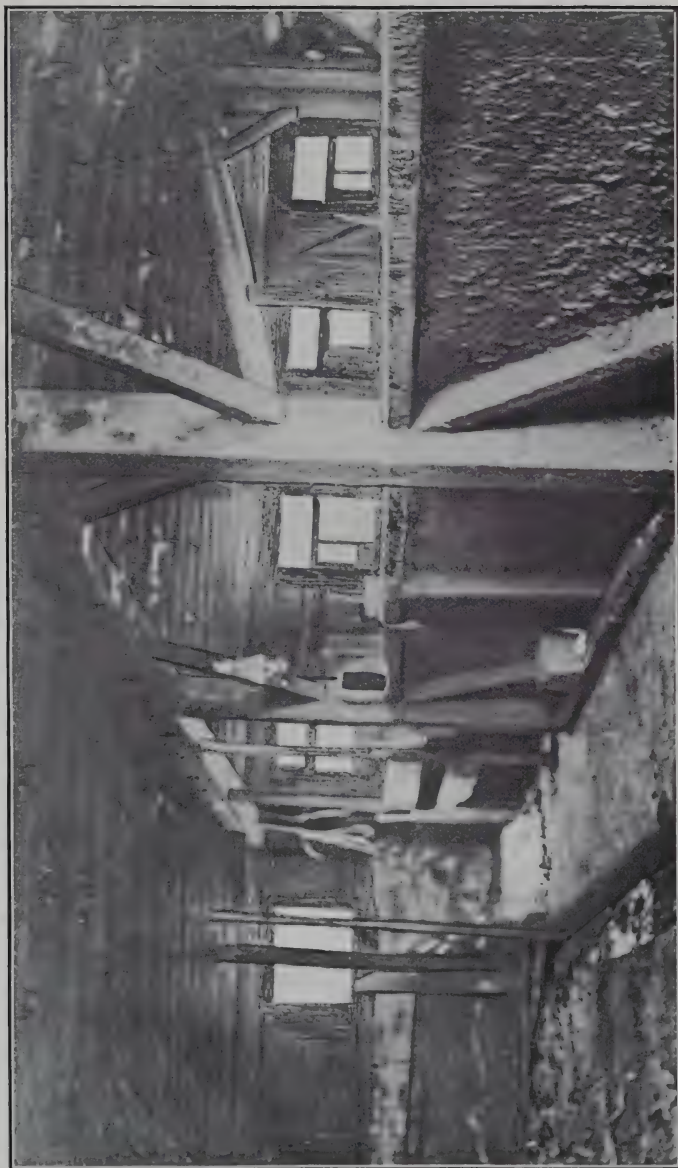
All inspectors are equipped with thermometers and the temperature of all milk has been taken at different stages in its progress from the producer to the consumer in Boston. Where a temperature is recorded above



REAR VIEW OF THREE COWS. THESE ANIMALS WERE POOR IN FLESH, AND SIDES AND UDDERS WERE PLASTERED WITH MANURE.



INTERIOR OF DIRTY TIE-UP. MANURE AND RUBBISH ON FLOOR. MANURE PLASTERED ON WALLS
AND UPRIGHTS. COBWEBS FESTOONED ON CEILING.



INTERIOR DIRTY TIE-UP. NOTE WALLS, CEILINGS AND SUPPORTS PLASTERED WITH MANURE.



DIRTY AND POORLY DRAINED BARNYARD. NOTE THE STAGNANT POOL BEYOND THE MANURE CART.

50 degrees Fahrenheit the producer is warned. In this connection I would state that all producers are urged to provide ice for cooling purposes and not to rely upon the temperature of the water in springs and brooks for this purpose. As an object lesson to show how dirty some samples of milk are when produced in an unclean manner and handled back of the cows, the inspectors have been equipped with hand centrifuges which quickly throw down all dirt in the milk, and the operation of which can be easily seen and appreciated by the producer. In this manner milk which to ordinary appearance is clean is shown to conceal much dirt and extraneous matter.

SPECIAL INVESTIGATION OF DAIRIES SHIPPING CREAM.

There were 281 places shipping cream to Boston inspected by this division during the past year, 233 of these places being found satisfactory and 48 unsatisfactory. The principal insanitary features connected with these places were dirty barns and poorly drained and dirty barnyards. Nearly every one of these places was in need of whitewashing, and invariably the milk was strained back of the cows. These insanitary features have all been corrected.

CONCLUSIONS.

The greatest progress in this division made last year has been in the providing of milk rooms, thereby doing away with the handling and straining of milk in the tie-ups, the providing of better equipped barns in regard to light and ventilation, cleanliness of the cows and the milkers, and the care in the proper handling and storing of the milk. The time elapsing between the production of the milk and its arrival on the consumers' table in Boston has been materially reduced. Formerly seventy-eight hours elapsed during this interval, but it is safe to say that at the present time there is no milk being sold in Boston that is over thirty-six hours old.

Year by year the contractors are going farther and farther away from Boston for their milk supply, and invariably these distant dairies are very insanitary. While lists of producers have been furnished by the contractors these lists are invariably incomplete, and a great many more producers have been discovered by our inspectors. The contractors have been instructed

to make a personal investigation of all new dairies before being taken on by them that they may be satisfied that these new places are in a satisfactory condition, but invariably on inspection by inspectors of this department these places are found to be insanitary.

The so-called "emergency supply" for this city is all obtained from long distances from Boston, and this condition operates to a great disadvantage in times of shortage of milk like the period passed through last summer. If this "emergency supply" was nearer Boston the situation could have been relieved quickly, but the long haul necessitated a delay of over twenty-four hours in receiving the milk.

With one exception this division has had the hearty cooperation of all the contractors in securing a clean milk supply for this city.

During the past summer an expert of the Dairy Division of the United States Department of Agriculture was detailed to instruct our dairy inspectors in the proper use of the score card. I wish to gratefully acknowledge the great assistance given us by the Federal authorities, as the result has been increased efficiency on the part of our inspectors and a more uniform method of scoring according to the standard set by the Federal authorities.

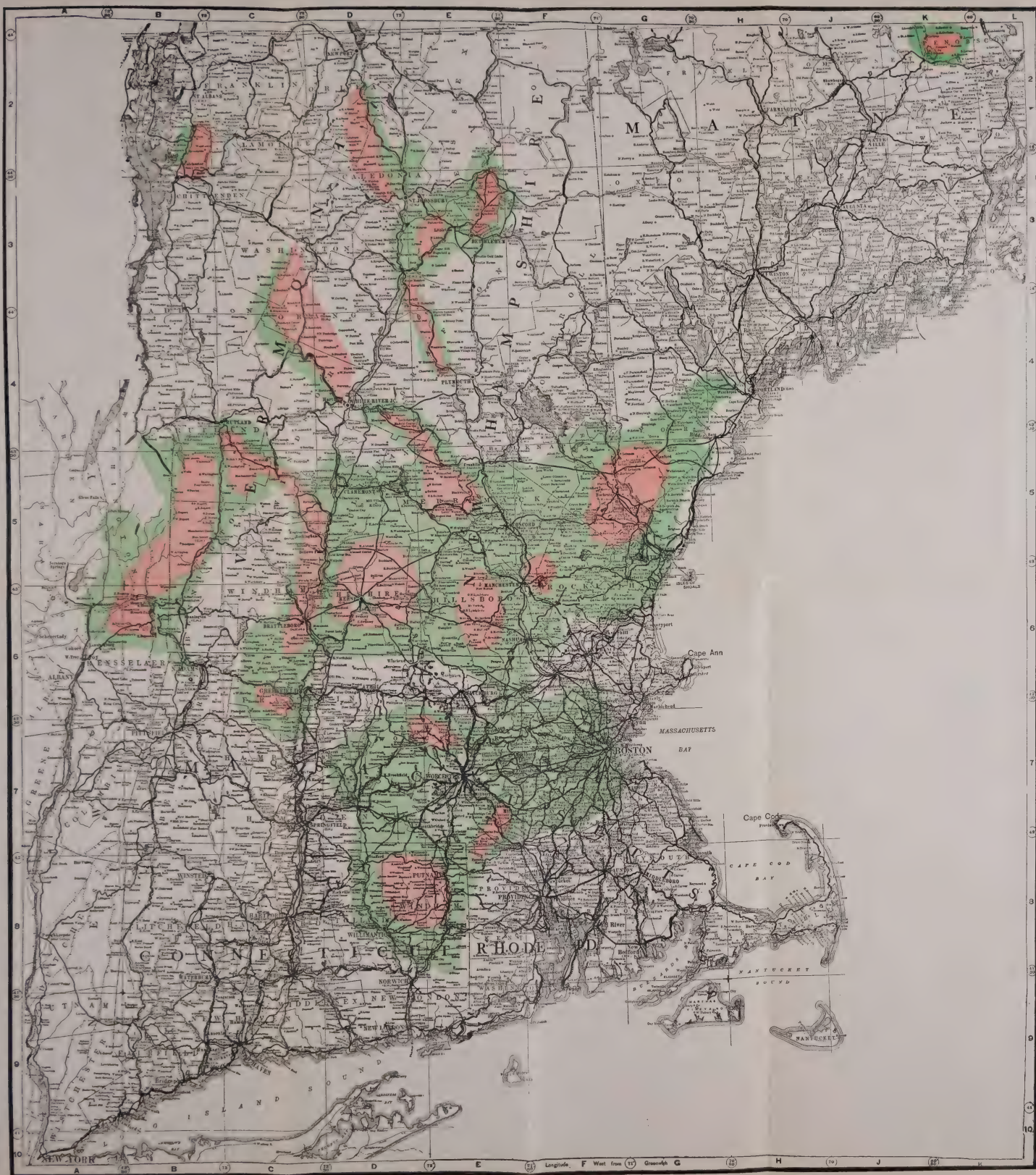
That the dairy inspection of the milk supply of Boston has been efficient is shown by the remarkably low number of cases of communicable diseases reported in Boston the past year, and also by the small number of cases of diarrheal complaints in bottle-fed infants. An inspection of the milk supply of Boston made last summer by inspectors of the Dairy Division of the United States Bureau of Animal Industry showed that these dairies scored an average of 45 per cent. This is ten points higher than that scored by dairies supplying three of the largest cities in the United States.

A secret investigation under the direction of the Bureau of Chemistry of the United States Department of Agriculture disclosed the facts that in low bacterial count, in low temperatures of milk, and in compliance with regulations of chemical standards, Boston's milk supply was superior to that of any city in this country.

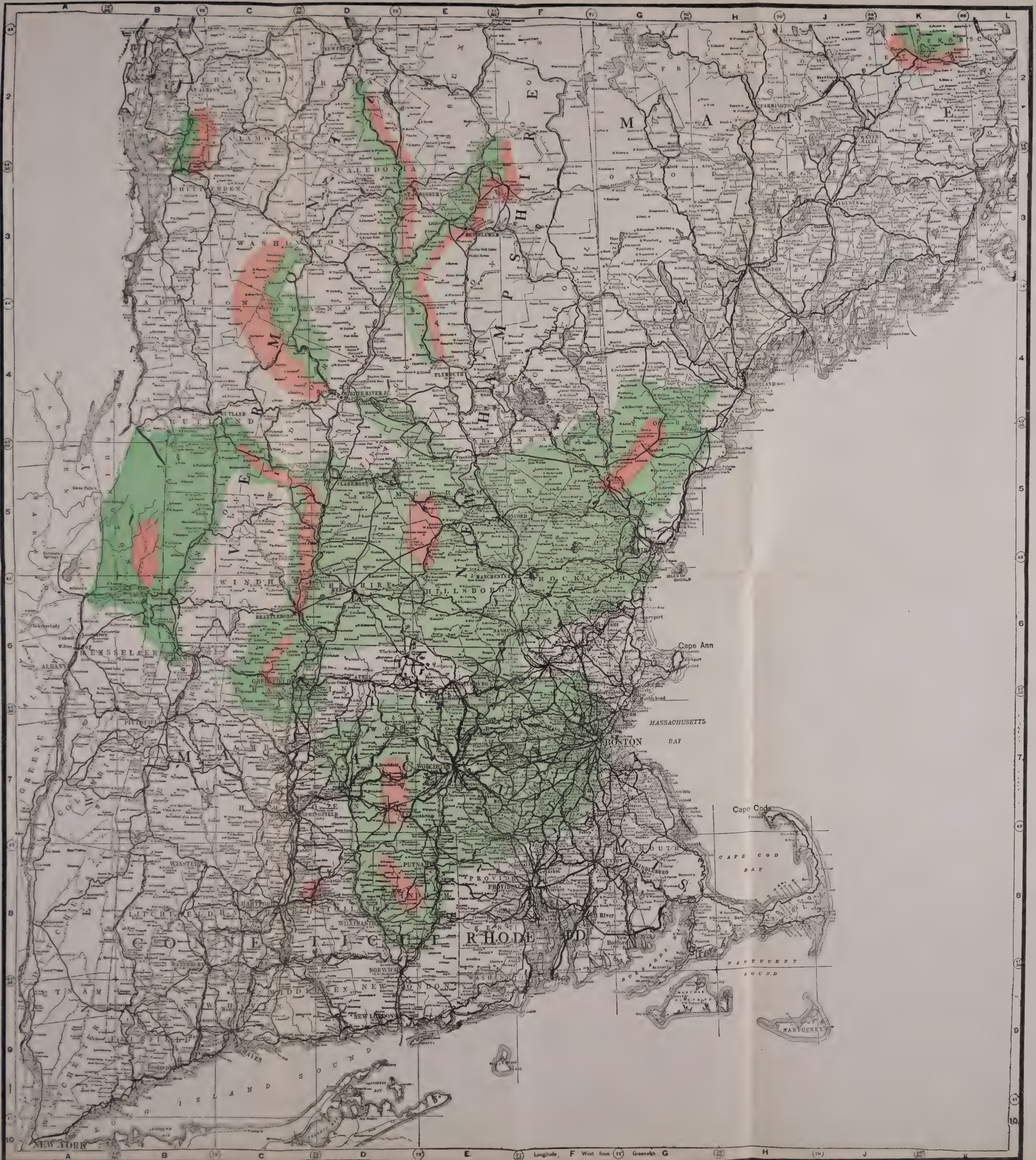
Respectfully submitted,

P. H. MULLOWNEY, M. D. V.,
in Charge of Dairy Division.

MAP SHOWING PROPORTION OF INSANITARY DAIRIES SHIPPING MILK TO BOSTON FEBRUARY 1, 1911.
(GREEN SHOWING SANITARY DAIRIES AND RED SHOWING INSANITARY.)



MAP SHOWING PROPORTION OF INSANITARY DAIRIES SHIPPING MILK TO BOSTON FEBRUARY 1, 1912.
(GREEN SHOWING SANITARY DAIRIES AND RED SHOWING INSANITARY.)



Total Number of Dairies Inspected During the Year Ending February 1, 1912.

Scored Above 45.	8,067	1,570	9,637	2,064	2,701	5,897	3,740	2,233	2,510	4,857	3,860	238	183	316	316	1,072	735
Scored Below 45.			Total Number Inspected.	Unclean Cows.	Unclean Barns.	No Milk Room.	Milk Room Provided.	Barn Poorly Lighted.	Poorly Drained and Unclean Barnyard.	Barn in Need of White- washing.	Milk Strained in Barn.	Utensils Not Inverted.	Utensils Unclean.	Milk Not Efficiently Cooled.	Milk Not Efficiently Stored.	Construction of Barn Faulty.	Milk Held 24 Hours Before Shipment.

Special Investigation of Dairies Shipping Cream.

Scored Above 45.	233	48	281	51	85	232	49	55	99	221	226	4	5	1	1	12	
Scored Below 45.			Total Number Inspected.	Unclean Cows.	Unclean Barns.	No Milk Room.	Milk Room Provided.	Barn Poorly Lighted.	Poorly Drained and Unclean Barnyard.	Barn in Need of White- washing.	Cream Strained in Barn.	Utensils Not Inverted.	Utensils Unclean.	Cream Not Efficiently Cooled.	Cream Not Efficiently Stored.	Construction of Barn Faulty.	Cream Held 24 Hours Before Shipment.

Inspection of Dairies Shipping Milk.

INSPECTION.	Scored Above 45.		Scored Below 45.		Total Number Inspected.	Unclean Cows.	Unclean Barns.	No Milk Room.	Milk Room Provided.	Barn Poorly Lighted.	Poorly Drained and Unclean Barnyard.	Barn in Need of White- washing.	Milk Strained in Barn.	Utensils Not Inverted.	Utensils Unclean.	Milk Not Efficiently Cooled.	Milk Not Efficiently Stored.	Construction of Barn Faulty.	Milk Held 24 Hours Before Shipment.
First.....	3,348	771	4,119	1,137	1,605	2,962	1,157	1,115	1,005	2,157	1,871	105	96	58	58	475	331		
Second.....	2,758	430	3,188	561	671	1,869	1,319	712	875	1,671	1,442	84	51	186	186	363	252		
Third.....	1,359	274	1,633	240	292	694	939	288	452	705	280	44	29	59	59	191	116		
Fourth.....	335	45	380	67	50	130	250	62	75	101	29	1	1	12	12	28	34		
Fifth.....	27	2	29	8	8	8	21	1	4	1	2					3	2		
Sixth.....	6		6			1	5		1										
Seventh.....	1		1			1													
Totals.....	7,834	1,522	9,356	2,013	2,616	5,665	3,691	2,178	2,411	4,636	3,634	234	177	315	315	1,060	735		

Number of dairies permanently shut off from selling milk in Boston because of the insanitary conditions found at time of inspection, 531.
Total number of cows inspected, 109,501.

REPORT OF VETERINARY MEDICAL INSPECTOR.

BOSTON, February 1, 1912.

To the Board of Health:

GENTLEMEN,— I have the honor to submit the following report for the year ending January 31, 1912:

ANIMALS KILLED AT ABATTOIR.

Cattle	4,994
Calves	8,146
Swine	46,895
Total	<u>60,035</u>

Table No. 1.
ANIMALS CONDEMNED.

	Number.	Weight. (Pounds.)
Cows.....	75	9,132
Calves.....	215	7,664
Swine.....	84	9,275
Parts of 4,283 swine.....		25,509
Parts of 756 cattle.....		21,844
Totals.....	374	73,424

“Parts of animals” in the above table refer to animals where only a part of the same was condemned, the unmarketable portion being confined to the parts about the local lesion.

Table No. 2.

DISEASES FOUND AMONG ANIMALS AFTER HAVING BEEN KILLED AND DRESSED AT THE ABATTOIR, NECESSITATING THE CONDEMNING OF THE CARCASSES.

DISEASES.	Cattle.	Calves.	Swine.	Total.
Asphyxiated.....		4	3	7
Cholera.....			31	31
Immatured.....		208		208
Metritis.....	1			1
Pneumonia.....			2	2
Septicemia.....	1	2	5	8
Tuberculosis.....	73	1	43	117
Totals.....	75	215	84	374

TUBERCULOSIS.

The following table shows the number of cases of tuberculosis in animals killed at the abattoir:

Table No. 3.

CLASS OF ANIMALS.	Number Received.	Number Tubercular.
Cattle.....	4,994	692
Swine.....	46,895	1,115
Totals.....	51,889	1,807

GLANDERS.

There have been reported to the Board of Health by veterinarians during the past year 472 horses suspected of having glanders. Of these, ninety-nine horses on examination were found to be infected with some non-contagious disease and the remainder were found to be infected with glanders.

The following table shows the number of cases of glanders for each month during the past year:

Table No. 4.

MONTH.	Cases Reported.	Cases Found by Board of Health.	Cases Found which Belonged in some Other City.	Cases which upon Examination were Found not to be Glanders.	Actual Number of Cases of Glanders Found in City.	Number of Cases of Glanders which Belong in Boston.	Number of Stables in which Glanders was Found.
January.....	39	1	1	3	37	36	33
February.....	26	.....	2	3	23	21	19
March.....	48	4	2	10	42	40	31
April.....	37	.....	.....	9	28	28	27
May.....	39	.....	1	8	31	30	23
June.....	31	.....	.....	5	26	26	25
July.....	42	.....	.....	11	31	31	31
August.....	35	2	1	8	29	28	28
September.....	42	.....	.....	6	36	36	33
October.....	62	1	3	20	43	40	41
November.....	36	4	.....	9	31	31	29
December.....	35	2	4	7	30	26	27
Totals.....	472	14	14	99	387	373	347

All stables in which glanders occurred during the past year have been disinfected.

During the past year the complement fixation test as applied by Schutz and Shubert in the diagnosis of glanders and the agglutination test for glanders have been used. These tests, while of comparative recent application in glanders, have proved to be the best diagnostic agents yet known. They have a distinct advantage over Mallein in that the blood for such tests may be collected at the primary examination of the suspected animal, and that the presence of any other disease in the suspected animal, causing a fever and rise of temperature, such as pneumonia, influenza, the common shipping or acclimating disease, does not interfere with the tests; and, furthermore, the tests in no way affect the animal. This is especially valuable in the examination of whole stables, as it is unnecessary to keep the horse stabled for twenty-four hours as is necessary when Mallein is used; also the examination

of the green country horse that has been shipped for many miles, often ill when arriving at its destination and in no shape for any other test. Whereas the Mallein test cannot be made when the suspected animal has a high temperature from any cause, and occasionally constitutional disturbances follow its use.

Much agitation has been aroused all over the United States during the past year in regard to the control or eradication of glanders. Inasmuch as glanders is recognized as incurable and with no known means of immunization, the task of eradication is extremely difficult and has not been attempted strenuously to any extent in the United States. The ordinary procedure has been the removal of the suspected animal only, the examination of the remaining animals in the same stable and disinfection. By this method many mild cases of glanders showing no external symptoms must be overlooked and continue to serve as a source of spread of glanders through direct contact with other animals, watering troughs, etc.

There is no law in this state permitting the various tests upon any horse showing no symptoms of glanders. Thus until such laws are passed the task is hopeless. All owners of horses in Boston have been offered the blood tests upon their animals with the view of segregating the suspected animals, thus limiting the spread from such animals as much as possible; but such offer has been accepted to only a moderate extent.

About 436 horses in stables where glanders previously existed received the complement fixation test and of this number thirty-four gave positive reaction, indicating the presence of glanders. Thus about 8 per cent of the animals so examined were infected with this disease. This may or may not be a fair estimate of the amount of glanders in Boston.

In this connection it is frequently stated by other authorities that glanders exists to an alarming extent in Boston, giving the impression that the amount of this disease in Boston is unnecessarily large as compared to what exists in the state outside of Boston. It is well to know that glanders exists to an equally alarming extent in the state, for between the years 1903 and 1909, inclusive, about 2,169 horses were tested by the State Cattle Bureau outside of Boston, of which 857 gave positive reactions to the Mallein test, indicating glanders.

Thus about 40 per cent of the number tested were infected with glanders. Similar figures for 1910 and 1911 are not at this time available.

These tests certainly indicate that to cope with the existing conditions in regard to glanders, both in Boston and outside of Boston, requires radical measures to be taken along the line of examination of all horses and the immediate destruction of those found to be infected. There can be no question, and there is no objection by the owners, that horses showing clinical symptoms of glanders should be at once destroyed, but the killing of the horse which is apparently well and able to perform its work for some time, although still a source of danger, is strenuously objected to by its owner, because the owner is not reimbursed for at least a part of his loss when such destruction is for the general welfare of the state. And, furthermore, the testing of horses showing no clinical symptoms of the disease cannot be made if the owner objects.

During the past year much consultation on this question has been entered into by the Team Owners' Association and this department, with the result that a bill was introduced into the present Legislature by the Team Owners' Association, indorsed by the Board of Health, which has for its purpose the eradication of glanders. The course suggested by this bill is to examine all horses on entering the state, all horses within the state, and the payment of two-thirds their valuation, not exceeding \$200, if destroyed. If this bill is passed and the course indicated carried out it would seem as though glanders within two or three years would be practically eradicated from the state.

RABIES.

During the year ending December 31, 1911, twenty-seven animals suspected of having rabies, or which had been exposed to another rabid animal, came under the observation of this department. Upon investigation four were found to be cases of rabies, the diagnosis of which was confirmed by either well marked clinical symptoms or by examination at the bacteriological laboratory. Six animals which had been exposed to rabid dogs were ordered quarantined. One of these developed rabies during quarantine. The remainder were held in quarantine until all danger had passed.

The following table shows the result of all cases under observation:

	Totals.	Positive.	Negative.
Reported as rabid.....	27	4	23
Quarantined because of exposure.....	6	1	5
	33	5	28

INSPECTION OF PROVISIONS.

The following articles of food seized in wholesale markets and retail stores have been condemned:

Beef, tainted	6,240 pounds
Veal, tainted	1,814 pounds
Veal, immatured	1,212 pounds
Mutton, tainted	551 pounds
Pork, tainted	3,310 pounds
Pork, diseased	865 pounds
Poultry, tainted	8,441 pounds
Rabbits, tainted	104 pounds
Eggs, decayed	557 dozen
Canned eggs, tainted	1,330 pounds
Miscellaneous fish, tainted	270 pounds
Lobster meat, tainted	282 pounds
Lobsters, dead before boiling	50 pounds
Oysters, tainted	20 gallons
Miscellaneous vegetables	65 bushels
Miscellaneous fruit	29 bushels
Miscellaneous canned goods	190 bushels

In addition to the above articles condemned there were also 4,382 pounds of beef brought to this market from outside the City of Boston which was illegally stamped and which was condemned in accordance with section 104, chapter 75, of the Revised Laws.

Respectfully submitted,

ALEXANDER BURR,
Veterinary Medical Inspector.

REPORT OF THE CHIEF SANITARY INSPECTOR.

TENEMENT HOUSES.

The new card index system on tenement houses which was begun last year is almost completed and there is now on file in the Board of Health office the most complete record of sanitary conditions and census of number and classes of occupants that has ever been made in Boston. The conditions in these houses are being constantly improved, and more especially so in the older houses which were originally dwellings and have been, from time to time, changed into tenement houses.

A bill was introduced last year in the Massachusetts Legislature to amend the present law by making three-family houses tenement houses, as is the case in most of the large cities, but this was defeated on account of the construction called for in the building law. This year the bill has been introduced, but altered, so that it will apply only to the sanitary conditions, and its chances of being enacted a law appear to be good.

On account of the unusually cold winter much hardship has been experienced and expense entailed in consequence of water freezing in pipes and fixtures, and the bursting of supply pipes in streets and houses. Many complaints were registered but the remedy was slow on account of the inability to get plumbers to do the work promptly. These conditions were more frequent since many houses had been metered where occupants had previously been in the habit of allowing the water to run during the night to prevent its freezing in the pipes.

It is recommended that the present building law be amended so that the same shafts that ventilate water-closets shall not be used in the ventilation of living and sleeping rooms.

OVERCROWDING.

During the early spring of 1911 much overcrowding in tenement houses was discovered in the North End section of the city. The rooms were measured and the number of occupants allowed by the Board of Health

was stenciled on the walls of each. Owners were notified and when the regulations were not complied with the premises were vacated. During the night visits, which are necessary in this work, it was discovered in a number of these places people paid 10 cents per night for sleeping room, and where the number of such lodgers was in excess of ten it placed the houses in the public lodging house class. Thirty-four cases of this kind were found without license, and proceedings instituted in court; thirty-two of these offenders were fined sums ranging from \$25 to \$50. Of the other two, one proprietor was fined \$20 and the other, being a woman, had her case placed on file with the promise that she would go out of the business.

In all of these cases a cash bail of \$300 was required which was quickly paid, as well as the amount of the fine after court trial, which fairly proves that it was not a question of poverty that compelled this method of livelihood but rather a matter of profit. The imposition of these fines had a wholesome effect as none of these offenders were found repeating the offence. There is no doubt that the whole question of overcrowding might readily be solved if fines were imposed in all such cases instead of vacating the premises, the only remedy now available to the Board. Proprietors of these houses, when forced to vacate, do not hesitate to move from one street to another and still carry on the business. In a number of instances the same people have been doing this year after year for the past fifteen years. There has been less overcrowding found this year than ever before.

YARDS AND AREAS.

Much time of the inspectors is taken up in the abatement of nuisances in yards, areas and passageways. For the most part these conditions are the result of carelessness and laziness on the part of the occupants. Quantities of filth and rubbish are thrown from the windows that front on these areas, and this custom prevails not only in the poorer sections of the city, but even to greater extent in the South End and Back Bay.

The police officers of this department and the various civic associations in the city do splendid work toward improving such conditions, but although the owner of a certain yard or passageway may clean the same, it often returns quickly to its former state on account of the lax

habits of the occupants, and it is almost impossible for the officer to catch an offender in the act so that he or she can be prosecuted. This work could be done with greater efficiency if the services of the five additional police officers recently allowed by the Legislature could be obtained, as the area now covered by each officer is entirely too large.

MILK STORES.

The number of places licensed to sell milk continues to increase, and in order to receive or keep a license a proprietor must keep and maintain his store, utensils, attendants and surroundings in a clean and sanitary condition, as determined by inspectors from this division. Most of the milk sold to-day in Boston is in sealed bottles, a great improvement over the old methods of handling and selling milk.

ICE-CREAM STORES.

All places where ice-cream is manufactured have been carefully inspected, monthly in summer and at less frequent intervals during cold weather, and in a number of the larger establishments radical changes have been made by order of the Board. In all stores where ice-cream is made a supply of running hot water must be provided. In places where ice-cream and soda are sold over the counter, running water must be provided at a sink or glass cleanser adjoining the counter, and the use of water in pails, buckets and other utensils for the cleansing of glasses is prohibited by the Board.

PUBLIC LODGING HOUSES.

There have been no new lodging houses licensed during the past year, and the regular weekly night and day visits have been maintained. Premises are almost invariably found in fair condition. The Board adopted a regulation this year which raised the amount of cubic air space allowed occupants from 300 cubic feet to 400 cubic feet each, thus lessening the number of occupants allowed.

BAKERIES.

The bakeries in this city are subjected to monthly inspection, and as a rule are found in good condition. A few must be continually watched, but rather on

account of the uncleanness and carelessness of the attendants and bakers than through any fault in construction of the plant.

GAS FIXTURES.

The cold winter brought an unusual number of complaints of gas leaks in houses and in streets, and of frozen pipes, which were a cause of much inconvenience. During the year more than 700 houses have been examined for defective or leaky fixtures, and in most instances, after being notified to remedy same, the owners complied readily.

BARBER SHOPS.

The monthly inspection of barber shops has been kept up, and these visits show that conditions are very much improved from year to year. The proprietors not only aim to live up to the regulations of the Board, but often exceed them to satisfy the demand of their patrons. A clean shop with carefully cared for utensils and neat attendants has become a recognized asset to the business.

DUMPS.

The nuisance created by the disposal of the city wastes in filling in lowlands, private ways and lots, otherwise called "dumps," is still apparent, and complaints, well grounded, continue to be made. During the past year there was an unusual amount of remonstrance because of these conditions, and especially was this true in South Boston, where the dump on the Strandway at McNary square, South Boston, owned by the city and therefore not subject to the orders of the Health Department, caused much annoyance to the people of the district.

Yards, passageways and areas paved or concreted by order of the Board of Health during the year, with amounts laid:

327 North street, 360 square feet of concrete.

331 North street, 540 square feet of concrete.

Quincy court, 1,140 square feet of brick laid in cement.

182 Harrison avenue, 350 square feet of brick pavement in yard and alley.

416 Tremont street, 400 square feet of yard concrete.

14 Lewis street, 370 square feet of concrete in yard.
25 Albion street, 200 square feet of concrete in yard.
4 Garden Court street, 420 square feet of concrete in yard.
29 Albion street, 200 square feet of concrete in yard.
37 Bennett street, 500 square feet of pavement in yard.
9 Paul street, 165 square feet of concrete in passageway.
91 Warren avenue, 270 square feet of concrete in yard.
400 Tremont street, 200 square feet of concrete in yard.
88 Prince street, 216 square feet of concrete in yard.
404 Tremont street, 200 square feet of concrete in yard.
Staniford place, 1,450 square feet of cement surface.
408 Tremont street, 200 square feet of concrete in yard.
Cushman avenue and alley in rear, 1,200 square feet.
2-4 Rochester street, 90 square feet of concrete in passageway.
29-35 Howard street, 675 square feet of paving.
16 Florence street, 140 square feet of brick passageway.
Between 9-13 Howard street and rear 13-15 Howard street,
150 square feet.
86 Albion street, 1,200 square feet of brick in yard.
Between 51-53 Revere street, 260 square feet.
17 Albion street, 200 square feet of brick in yard.
Strong place, 165 square feet.
19-21 Albion street, 400 square feet of concrete in yard.
12 Oneida street, 250 square feet of concrete in yard.
9 Oswego street, 90 square feet of brick in passageway.
11 Oswego street, 90 square feet of concrete in passageway.
8 Oswego street, 180 square feet of concrete in yard and passage-
way.
7 Oswego street, 90 square feet of concrete in passageway.
28 Genesee street, 160 square feet of concrete in yard.
30 Genesee street, 160 square feet of concrete in yard.
22 Rochester street, 140 square feet of concrete in yard.
24-26 Rochester street, 610 square feet of concrete in yard.
20 Rochester street, 180 square feet of concrete in yard.
9-11 Rochester street, 410 square feet of concrete in yard and
passageway.

OLD BUILDINGS.

Very little work has been done this year on the removal of old buildings on account of the lack of money for this purpose. These old dilapidated buildings are not simply eyesores but are a fire menace and sources of nuisance. Much uneasiness is caused in neighborhoods on account of these conditions. These buildings tend to decrease the value of property near them as well as to lower the rentals of adjoining houses.

1911. MONTH.	NUMBER OF													
	BY CLEANING.								BY REPAIRING.					
	Cellars.	Cesspools.	Passageways.	Sheds and Stables.	Tenements. (Whitewashed.)	Vacant Lots.	Yards.	Total.	House Drains.	Gas Pipes.	Rain Conductors and Roofs.	Supply Pipes.	Total.	
January.....	220	144	179	283	235	76	258	1,395	115	57	153	35	360	
February.....	240	35	140	116	230	40	235	1,036	93	34	217	15	359	
March.....	440	160	265	189	305	165	740	2,264	126	71	305	18	520	
April.....	185	137	145	146	127	114	370	1,224	44	31	227	10	312	
May.....	156	125	134	229	147	265	305	1,361	106	50	246	5	407	
June.....	223	67	128	66	222	134	256	1,096	90	35	115	20	260	
July.....	195	40	130	67	170	63	266	931	58	15	155	15	243	
August.....	234	56	134	103	196	82	246	1,051	87	20	226	13	346	
September.....	181	31	90	70	98	124	175	769	48	35	264	10	357	
October.....	194	94	71	60	151	58	220	848	49	24	150	11	234	
November.....	175	100	115	215	125	55	180	965	60	17	220	18	315	
December.....	166	115	115	170	117	62	181	926	47	15	187	12	261	
Totals 1911..	2,609	1,104	1,646	1,714	2,123	3,432	1,238	13,866	923	404	2,465	182	3,974	
Totals 1910..	2,625	742	2,074	1,313	2,168	721	3,555	13,198	667	483	2,008	331	3,489	

NUISANCES ABATED.

BY CLEANING AND REPAIRING.			BY REMEDYING.						BY REMOV- ING.			BY SUPPLYING.			OTHER MEAS- URES.	GRAND TOTAL OF NUISANCES ABATED.
Privies and Vaults.	Water-closets.	Total.	Dark or Overcrowded Rooms.	Dark and Unventilated Water-closets and sinks.	General Filth and Disrepair.	Filthy Garbage Receptacles.	Total.		Manure.	Stagnant Water.	Total.	Receptacles for Garbage.	Sewer Traps.	Total.	Sundry Nuisances.	
40	301	341	202	208	60	310	780		161	39	200	310	101	411	165	3,652
12	320	332	227	116	147	245	735		60	20	80	245	88	333	158	3,033
27	270	297	353	225	165	505	1,248		130	63	190	520	94	614	150	5,286
10	257	267	141	90	135	270	636		111	31	142	270	45	315	135	3,031
12	198	210	162	211	127	190	690		115	141	256	187	10	197	120	3,241
15	208	223	168	80	115	164	527		43	74	117	223	84	307	115	2,645
20	162	182	158	43	78	254	523		55	20	75	234	50	284	122	2,360
7	320	327	171	50	112	138	471		105	43	148	174	45	219	114	2,676
6	132	138	131	28	90	149	398		78	72	150	152	41	193	109	2,114
8	230	238	126	35	93	139	393		85	29	114	230	47	277	105	2,209
10	178	188	151	119	101	125	496		84	15	99	135	30	165	110	2,338
9	250	259	133	95	108	117	453		98	10	108	157	54	211	111	2,329
176	2,826	3,002	1,300	2,123	1,331	2,606	7,350		1,125	557	1,682	2,837	689	3,526	1,514	34,914
298	2,280	2,578	986	1,718	1,162	1,799	5,755		981	934	1,415	2,105	373	2,478	1,830	30,743

The following is a comparison of the number of reports, nuisances and legal notices for the past ten years:

YEAR.	Number of Reports.	Number of Nuisances.	Number of Legal Notices Served.
1901.....	.....	22,100	799
1902.....	.....	17,759	1,486
1903.....	6,002	15,850	1,714
1904.....	7,662	13,945	1,699
1905.....	12,474	14,816	2,017
1906.....	7,406	10,840	1,247
1907.....	7,143	12,287	1,096
1908.....	12,848	26,220	2,529
1909.....	12,778	24,324	2,488
1910.....	15,660	30,743	2,914
1911.....	18,584	34,914	3,924

PROSECUTIONS.

Total number of cases entered in court	121
Number found guilty	102
Not guilty	8
Discharged	10
Nolo	1
Amount of fines	\$1,562

For maintaining insanitary conditions in house, forty-two were found guilty, two not guilty, and one dismissed.

For overcrowding in tenement houses or maintaining a public lodging house without license, twenty-four were found guilty, and one pleaded *nolo contendere*.

For not reporting contagious diseases (physicians or nurses), eleven were found guilty, two not guilty, and one discharged.

For having unplucked fowl in possession, eleven were found guilty, and eight discharged.

For maintaining dirty stores, five were found guilty, and one not guilty.

For not providing proper receptacles for ashes, five were found guilty, and one not guilty.

For having decayed foodstuffs in possession with intent to sell, four were found guilty, and two not guilty.

Respectfully submitted,

THOMAS JORDAN,
Chief Sanitary Inspector.

REPORT OF SUPERINTENDENT OF
PEDDLERS.

BOSTON, February 1, 1912.

To the Board of Health:

GENTLEMEN,—I have the honor to submit the following report for the year ending January 31, 1912:

Nine hundred and ninety-seven persons were permitted to hawk or peddle the articles enumerated in chapter 345 of the Acts of 1906, being assigned a number by the Board of Health, in accordance with chapter 47, section 86, Revised Ordinances.

Vehicles and receptacles were inspected as follows, and numbers approved, in compliance with section 88 of the same chapter, Revised Ordinances:

In February, 428; March, 431; April, 456; May, 471; June, 466; July, 485; August, 507; September, 521; October, 487; November, 452; December, 411, and January, 402.

During the year 102 licenses were granted to remove from the city bones, grease, etc., and the monthly renewals averaged eighty-six. Eight licenses were issued to remove manure. The vehicles and receptacles used by persons licensed by the Board of Health are for the most part found in good condition.

Respectfully submitted,

JOHN McLoughlin,
Superintendent of Peddlers.

ANNUAL REPORT OF BOARD OF EXAMINERS OF GAS FITTERS.

BOSTON, MASS., January 30, 1912.

In compliance with chapter 265 of the Acts of 1897, the Board of Examiners for Gas Fitters held monthly examinations from February 1, 1911, to February 1, 1912, with the following results:

Number of applications referred by the Building Commissioner to Board of Examiners	230
Number of examinations held	12
Number of applicants examined	171
Masters	16
Journeyman	155
Number who passed the examination and were certified by the Board of Examiners to the Building Commissioner for license	25
Masters	6
Journeyman	19
Number of examination papers rejected — applicants not receiving the requisite percentage	146
Masters	10
Journeyman	136

NOTE.— A *special* examination was held on December 23, 1911, for Hyde Park gas fitters, in order to give them the privilege of continuing their work when Hyde Park was legally annexed to Boston on January 1, 1912.

P. H. BROGAN,
Clerk.

VITAL STATISTICS.

PREFACE.

The general arrangement of the tables is the same as in the 1910 report.

All the death rates are so-called "crude" rates.

No corrections have been made, either for differences in the percentages of population in the various age periods in the various cities, or for color, or for nativities, or for deaths of nonresidents.

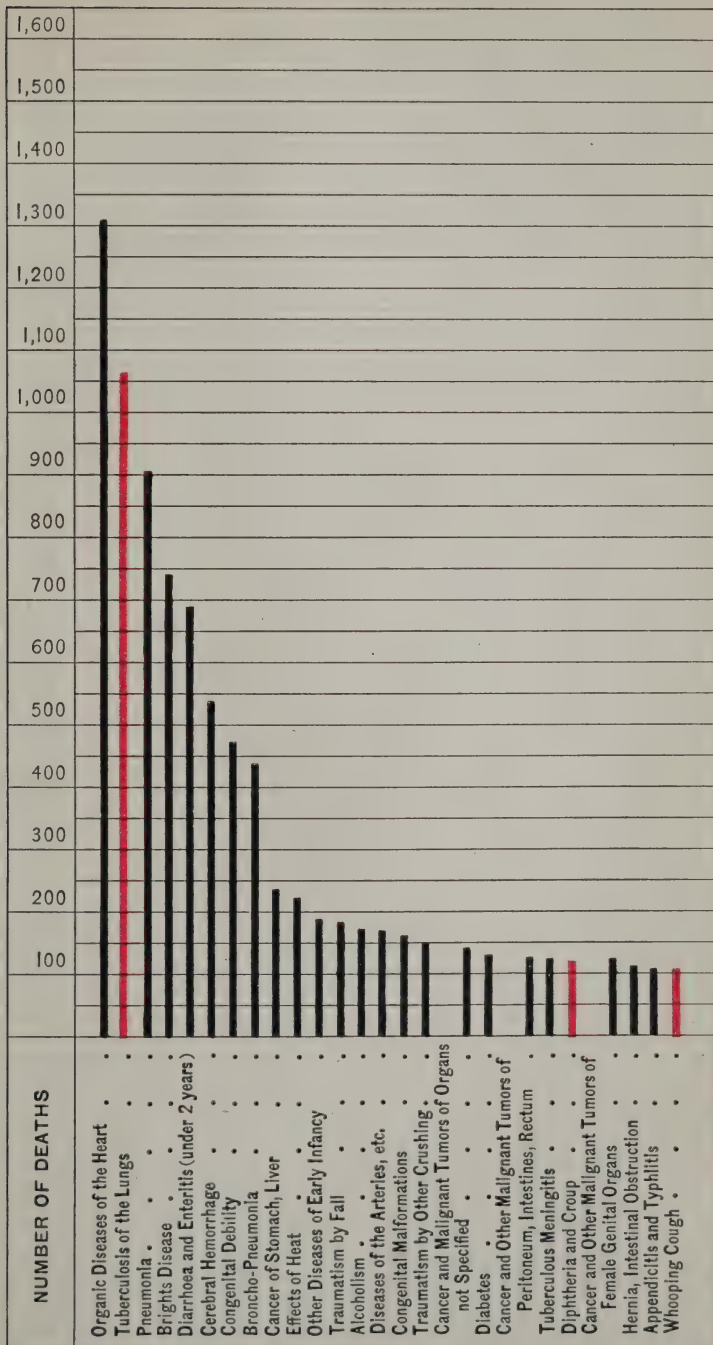
Corrected rates would be of great value and I understand will soon be issued by the Census Bureau in Washington.

Great care has been taken to have all figures correct, but if any error is found notification of the same will be appreciated.

WILLIAM H. DAVIS, M. D.,
Vital Statistician.

CHART NO. 1.

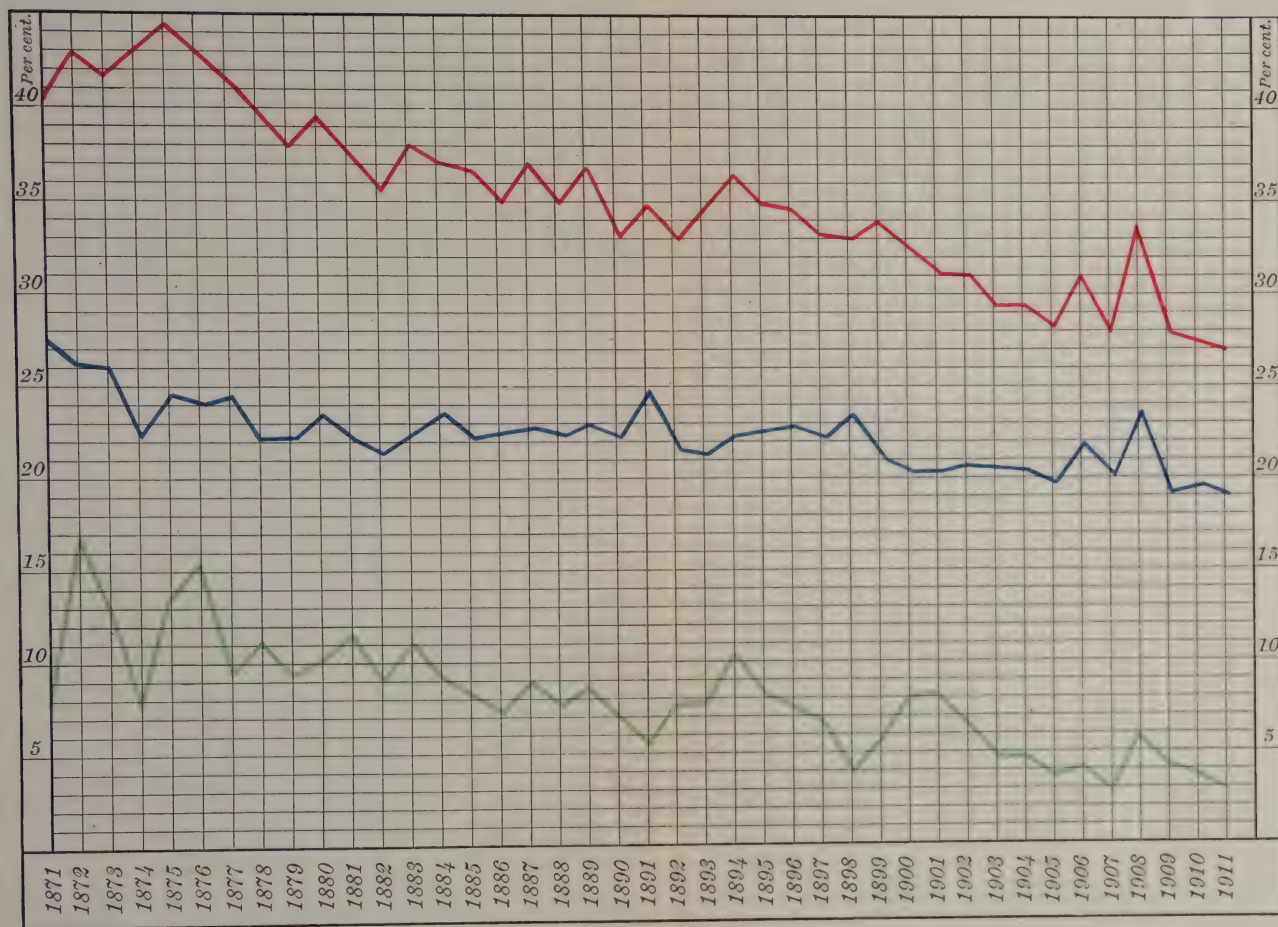
COMPARATIVE VIEW OF TWENTY-FIVE OF THE PRINCIPLE CAUSES OF DEATH DURING THE YEAR 1911.



— Deaths from infectious diseases.
 — Deaths from other diseases.

CHART No. 2.

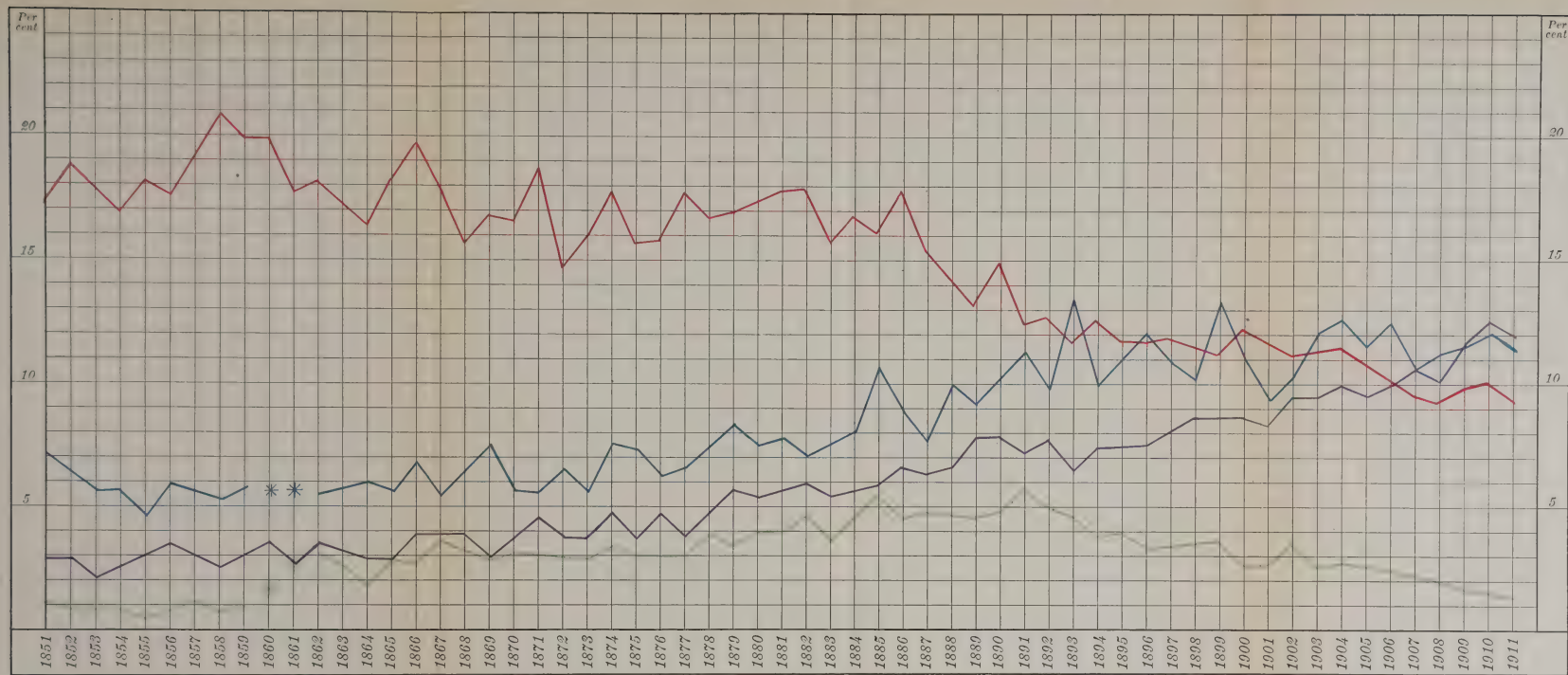
Percentage of Deaths of Children under five years of age,
UNDER ONE YEAR AND FIVE OF THE PRINCIPAL INFECTIOUS DISEASES
to the total mortality for forty-one years ending 1911.



Percentage of Children under five years of age to total mortality
 " of Children under one year to total mortality
 " of Diphtheria, Scarlet Fever, Measles, Typhoid Fever,
 and Smallpox to total mortality

CHART NO. 3.

PERCENTAGE TO THE TOTAL MORTALITY FROM FOUR OF THE PRINCIPAL CAUSES OF DEATH FOR SIXTY-ONE YEARS.



The terms "consumption," "pneumonia," etc., are used in this chart in 1910 and 1911 to include the following diseases as found in the International classification of Causes of Death.

CONSUMPTION
Tuberculosis of the Lungs.
Acute Miliary Tuberculosis.

PNEUMONIA
Broncho-Pneumonia.
Pneumonia.

HEART DISEASE
Pericarditis.
Acute Endocarditis.
Organic Diseases of the Heart.

BRONCHITIS
Acute Bronchitis.
Chronic Bronchitis.

* *

Information could not be obtained.

STATISTICAL SUMMARY, 1911.

Area of the city, 42.76 square miles, or 27,364 acres.	
Population (census, 1910)	670,585
Population (estimated July 1, 1911) *	688,912
Births †	17,957
Birth rate per 1,000 inhabitants	26.07
Deaths	11,767
Death rate per 1,000 inhabitants	17.08
Death rate of children under one year per 1,000 births	125.19
Death rate from pulmonary tuberculosis per 1,000 inhabitants	1.55

* Estimated by the arithmetical method used by the U. S. Census Bureau. See Census Bulletin 108, page 9.

† All figures for Boston births are from the Registry Department.

Summary of Rates.

	MEAN ANNUAL RATE PER 1,000 PERSONS LIVING (EXCLUDING STILLBORNS.)											Deaths of Children Under One Year to 1,000 Births (Excluding Stillborns).
	Births.	Deaths.	Smallpox.	Measles.	Scarlet Fever.	Diphtheria and Group.	Whooping Cough.	Typhoid Fever.	Diarrhea and Enteritis (Under Two Years).	Diarrhea and Enteritis (all Ages).	Pulmonary Tuber- culosis.	
1881-85.	29.71	24.71	.009	.201	.361	1.536	.214	.518	.....	.....	4.079	186.24
1886-90.	29.88	23.43	.002	.117	.190	1.204	.154	.389	.....	.....	3.527	177.84
1891-95.	31.74	23.54	.009	.039	.367	1.188	.118	.310	.....	.....	2.883	166.86
1896-1900.	30.93	21.06	.002	.073	.203	.765	.130	.309	.....	.....	2.423	150.80
1901-05.	27.52	18.75	.095	.124	.153	.387	.124	.224	.979	1.112	2.168	138.41
1906-10.	27.81	17.88	.0003	.127	.104	.265	.113	.160	.910	1.033	1.757	133.40
1911.	26.07	17.08	.001	.107	.107	.180	.156	.091	1.010	1.139	1.549	125.19

Table I.—Total of Deaths, Stillbirths and Deaths from Infectious Diseases for Forty-one Years.

YEARS.	Total Deaths, Exclusive of Stillbirths.	Stillbirths.	Rates of Still- births per 1,000 Inhabi- tants.	Diphtheria and Croup.	Scarlet Fever.	Typhoid Fever.	Cerebro-Spinal Meningitis.	Whooping Cough.	Measles.	Smallpox.	Pyemia and Septicemia.	Erysipelas.	Intermittent Fever.	Dysentery.
1871	5,888	543	1.88	128	111	176	3	30	9	23	....	59	....	56
1872	8,090	560	1.91	94	258	229	60	52	60	738	....	99	....	56
1873	7,869	515	1.76	119	474	243	216	33	16	302	....	92	1	57
1874	7,812	642	2.19	121	269	202	35	108	41	2	26	51	3	56
1875	9,060	541	1.28	631	534	227	41	41	65	1	22	69	....	97
1876	8,253	485	1.41	720	458	145	13	59	2	2	36	45	....	96
1877	7,316	471	1.37	471	104	156	24	88	2	4	18	30	4	166
1878	7,636	441	1.28	569	68	120	19	88	145	....	14	43	2	216
1879	7,398	453	1.24	545	149	119	15	112	2	....	29	46	4	101
1880	8,531	443	1.22	774	33	154	8	94	49	1	18	24	....	121
1881	9,016	513	1.29	802	35	207	16	77	108	6	23	42	3	96
1882	8,995	518	1.26	575	75	212	24	92	25	8	33	40	2	83
1883	9,740	504	1.17	608	211	198	23	31	152	1	42	42	1	88
1884	9,622	503	1.17	487	209	216	26	181	13	1	40	47	1	61
1885	9,618	520	1.30	450	156	152	19	26	84	2	32	40	3	62
1886	9,268	543	1.35	423	81	135	14	37	36	....	43	39	....	61
1887	10,073	534	1.33	410	195	183	16	82	119	....	37	34	....	59
1888	10,179	552	1.33	589	65	170	19	74	27	2	27	41	1	48
1889	10,259	598	1.42	683	23	186	21	96	48	2	26	24	....	76
1890	10,181	627	1.39	462	42	155	17	39	19	....	31	36	....	30
1891	10,571	614	1.33	285	64	154	21	39	21	....	44	39	2	48
1892	11,236	633	1.34	481	262	137	12	45	19	....	37	37	....	30
1893	11,710	605	1.24	546	248	148	15	40	27	....	56	56	....	39
1894	11,520	700	1.39	878	192	141	18	111	8	22	53	32	4	38
1895	11,329	607	1.21	654	114	163	15	47	19	....	67	34	5	43
1896	11,634	648	1.25	572	12	162	21	67	27	....	61	30	5	44
1897	11,154	614	1.16	456	136	173	185	39	21	....	73	34	1	18
1898	10,886	613	1.13	185	33	185	97	68	27	....	69	30	1	41
1899	11,167	539	.97	304	74	165	88	76	33	5	73	42	1	31
1900	11,678	573	1.02	537	181	143	66	99	89	....	100	53	6	26
1901	11,300	576	1.01	353	210	142	54	65	103	74	98	51	1	28
1902	10,983	623	1.08	225	87	139	62	132	66	190	89	65	8	36
1903	10,632	633	1.09	214	65	119	47	108	50	13	66	34	....	22
1904	10,757	663	1.12	206	39	135	37	29	89	....	77	62	2	20
1905	11,007	670	1.12	132	44	117	142	29	54	1	61	47	2	15
1906	11,411	659	1.07	152	39	122	83	112	61	....	73	44	1	26
1907	11,686	732	1.17	144	49	64	169	43	29	....	93	46	2	20
1908	11,776	636	.99	204	104	159	53	82	151	....	78	48	4	14
1909	11,064	708	1.08	193	82	91	31	74	73	1	49	54	2	14
1910	11,574	675	1.00	158	59	78	37	52	96	....	22	66	1	14
1911	11,767	715	1.04	124	74	63	33	108	74	1	22	56	4	20

Table II.—Total Number of Deaths Under One Year; Under Five Years, Five Years and Over, with Percentages to the Total Mortality for Forty Years. Also Death Rates Under One Year per Ten Thousand Inhabitants.

YEARS.	Total Deaths.	Five Years and Over.	Under Five Years.	Under One Year.	PERCENTAGES.			Death Rate Under One Year per 10,000 Inhabitants.
					Five Years and Over.	Under Five Years.	Under One Year.	
1872.....	8,090	4,676	3,414	2,157	57.79	42.21	26.66	81.16
1873.....	7,869	4,580	3,289	2,066	58.20	41.80	26.25	64.32
1874.....	7,812	4,454	3,358	2,202	57.01	42.99	22.19	66.45
1875.....	9,060	5,088	3,972	2,263	56.16	43.84	24.98	66.18
1876.....	8,253	4,722	3,531	2,036	57.22	42.78	24.67	58.84
1877.....	7,316	4,334	2,982	1,817	59.24	40.76	24.84	51.60
1878.....	7,636	4,630	3,006	1,747	60.63	39.37	22.88	49.30
1879.....	7,398	4,593	2,805	1,690	62.08	37.92	22.84	47.13
1880.....	8,531	5,182	3,349	2,014	60.74	39.26	23.60	55.50
1881.....	9,016	5,702	3,314	2,005	63.24	36.76	22.24	54.35
1882.....	8,995	5,844	3,151	1,945	64.97	35.03	21.62	51.93
1883.....	9,740	6,113	3,672	2,183	62.76	37.24	22.41	57.42
1884.....	9,622	6,052	3,570	2,235	62.90	37.10	23.23	57.93
1885.....	9,618	6,152	3,466	2,156	63.97	36.03	22.42	54.96
1886.....	9,268	6,082	3,186	2,110	55.63	34.37	22.77	52.26
1887.....	10,073	6,411	3,662	2,312	63.55	36.35	22.95	55.69
1888.....	10,197	6,598	3,599	2,281	64.71	35.29	22.37	53.42
1889.....	10,259	6,626	3,633	2,360	64.59	35.41	23.00	53.88
1890.....	10,181	6,832	3,349	2,271	67.11	32.89	22.30	50.55
1891.....	10,571	6,963	3,608	2,552	65.87	34.13	24.14	55.58
1892.....	11,236	7,501	3,735	2,466	66.76	33.24	21.95	52.58
1893.....	11,710	7,723	3,987	2,531	65.96	34.04	21.61	52.86
1894.....	11,520	7,412	4,108	2,552	64.34	35.66	22.15	52.22
1895.....	11,329	7,394	3,935	2,580	65.27	34.73	22.77	51.70
1896.....	11,634	7,579	4,055	2,670	65.15	34.85	22.95	52.19
1897.....	11,154	7,446	3,708	2,462	66.76	33.24	22.07	46.97
1898.....	10,886	7,309	3,577	2,572	67.14	32.86	23.63	47.92
1899.....	11,167	7,576	3,591	2,404	67.84	32.16	21.53	43.76
1900.....	11,678	7,926	3,752	2,410	67.87	32.13	20.64	42.96
1901.....	11,300	7,831	3,469	2,287	69.30	30.70	20.24	40.28
1902.....	10,983	7,616	3,367	2,257	69.34	30.66	20.55	39.27
1903.....	10,632	7,553	3,079	2,173	71.04	28.96	20.44	37.36
1904.....	10,757	7,652	3,105	2,207	71.13	28.87	20.52	37.50
1905.....	11,007	7,983	3,024	2,186	72.53	27.47	19.86	36.72
1906.....	11,411	7,972	3,439	2,468	69.86	30.14	21.63	40.43
1907.....	11,686	8,526	3,160	2,350	72.96	27.04	20.11	37.57
1908.....	11,776	7,882	3,894	2,742	66.93	33.07	23.28	42.81
1909.....	11,064	8,035	3,029	2,125	72.62	27.38	19.21	32.42
1910.....	11,574	8,454	3,120	2,249	73.04	26.96	19.43	33.38
1911.....	11,767	8,644	3,123	2,248	73.46	26.54	19.10	32.63

Table III.—Deaths During the Year 1911 by Sex, Condition, Color, Nativity, Mother Nativity and Season.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
Total number of deaths....	1,068	1,024	1,144	1,060	1,054	789	1,272	902	880	848	791	935	11,767
<i>Sex:</i>													
Males.....	557	525	574	538	545	409	730	475	465	487	407	510	6,222
Females.....	511	499	570	522	509	380	542	427	415	361	384	425	5,545
<i>Condition:</i>													
Single.....	453	460	527	516	515	369	645	490	446	394	369	397	5,581
Married.....	381	340	388	336	338	265	362	245	277	287	243	333	3,795
Widowed.....	217	207	212	188	182	141	224	150	134	153	164	184	2,156
Divorced.....	5	9	6	9	7	5	2	3	5	2	4	8	65
Unknown.....	12	8	11	11	12	9	39	14	18	12	11	13	170
<i>Color:</i>													
White.....	1,030	992	1,099	1,025	1,015	765	1,236	875	853	824	764	917	11,394
Black (Negro or mixed)...	37	31	43	33	37	23	32	27	24	23	26	18	354
Chinese.....	1	1	2	2	2	1	4	....	1	1	1	1	16
Indian.....	1	....	....	....	....	....	....	....	....	....	....	....	1
Indian Asiatic.....	....	....	....	....	....	....	....	....	2	....	....	....	2
<i>Nativity:</i>													
United States.....	617	610	714	659	681	485	719	620	563	496	457	537	7,158
Ireland.....	189	216	179	170	138	127	272	122	135	139	149	173	2,009
England and Wales.....	13	29	36	29	24	22	33	16	15	18	17	20	272
Scotland.....	10	7	6	10	16	9	8	7	5	11	11	6	106
Germany.....	19	18	29	14	19	15	19	11	19	20	10	11	204
Canada.....	92	66	72	90	89	58	77	52	57	70	54	93	870
Italy.....	30	18	29	28	21	12	31	16	22	17	30	24	278
Russia and Poland.....	45	27	35	23	26	25	30	27	25	35	30	29	357
Sweden and Norway.....	13	12	11	6	7	6	14	4	4	11	10	11	109
France.....	1	1	....	4	1	....	3	....	2	2	1	....	15
Other countries.....	28	11	19	15	19	16	16	13	16	20	12	14	199
Unknown.....	11	9	14	12	13	14	50	14	17	9	10	17	190
<i>Mother Nativity:</i>													
United States.....	276	280	337	306	322	222	296	285	251	201	214	247	3,237
Ireland.....	333	367	338	334	285	247	443	256	265	274	236	310	3,688
England and Wales.....	23	28	47	34	28	22	36	21	18	35	22	31	345
Scotland.....	13	17	15	14	24	16	12	22	11	17	17	17	195
Germany.....	25	23	39	20	23	26	22	21	26	21	13	18	277
Canada.....	101	87	104	104	96	62	109	61	74	69	76	91	1,034
Italy.....	72	58	79	63	68	45	84	63	71	44	66	64	777
Russia and Poland.....	68	60	60	45	50	49	71	69	55	68	47	48	690
Sweden and Norway.....	18	18	12	13	16	7	17	7	8	16	11	13	156
France.....	1	2	....	4	2	3	4	2	2	2	1	....	23
Other countries.....	32	16	25	28	37	29	28	26	25	24	18	21	309
Unknown.....	106	68	88	95	103	61	150	69	74	77	70	75	1,036

Table IV.—Death Rates and Birth Rates, 1890-1911.

YEAR.	Population.*	Deaths.	Death Rate per 1,000.	Births.	Birth Rate per 1,000.
1890.....	449,298	10,181	22.66	13,400	29.82
1891.....	459,150	10,571	23.02	14,611	31.82
1892.....	469,002	11,236	23.96	15,244	32.50
1893.....	478,854	11,710	24.45	14,842	30.99
1894.....	488,706	11,520	23.57	15,661	32.05
1895.....	499,017	11,329	22.70	15,955	31.97
1896.....	511,602	11,634	22.74	16,754	32.75
1897.....	524,187	11,154	21.28	17,038	32.50
1898.....	536,772	10,886	20.28	16,712	31.06
1899.....	549,357	11,167	20.33	16,301	29.67
1900.....	561,477	11,678	20.80	16,471	29.34
1901.....	568,763	11,800	19.87	16,018	28.16
1902.....	576,049	10,983	19.07	16,024	27.82
1903.....	583,335	10,632	18.23	16,066	27.54
1904.....	590,621	10,757	18.21	16,353	27.69
1905.....	597,908	11,007	18.41	16,014	26.78
1906.....	613,075	11,411	18.61	17,284	28.19
1907.....	628,242	11,686	18.60	18,436	29.35
1908.....	643,409	11,776	18.30	18,521	28.79
1909.....	658,576	11,064	16.80	17,728	26.92
1910.....	673,745	11,574	17.18	17,741	26.33
1911.....	688,912	11,767	17.08	17,957	26.07

*Populations estimated for July 1, by arithmetical method used by the Censes Bureau. The Census population April 15, 1910, was 670,585.

Table V.—Deaths from Principal Infectious Diseases.

	Total Deaths from each Cause.	Deaths per 1,000 Inhabitants.	TOTAL DEATHS BY SEX.		TOTAL DEATHS BY SEX UNDER FIVE YEARS.		Total Deaths Un- der Five Years.
			M.	F.	M.	F.	
Tuberculosis (all forms).....	1,253	1.819	734	519	87	71	158
Diphtheria and croup.....	124	.180	63	61	39	37	76
Whooping cough.....	108	.157	49	59	46	56	102
Scarlet fever.....	74	.107	39	35	29	25	54
Measles.....	74	.107	36	38	35	36	71
Typhoid fever.....	63	.091	38	25	.....	2	2
Erysipelas.....	56	.081	30	26	5	11	16
Syphilis.....	55	.080	32	23	23	21	44
Influenza.....	46	.067	20	26	2	1	3
Puerperal septicemia.....	41	.060	.....	41	.....	.....	.....
Pyemia and septicemia.....	22	.032	17	5	5	2	7
Dysentery.....	20	.029	10	10	6	4	10

Table VI.—The Number and Percentages of Deaths in each Quarter of each Year During a Period of Forty-seven Years,
1865-1911, Inclusive.

YEARS.	FIRST QUARTER.		SECOND QUARTER.		THIRD QUARTER.		FOURTH QUARTER.		Rate per 1,000 Inhabitants.
	Deaths.	Per Cent.	Deaths.	Per Cent.	Deaths.	Per Cent.	Deaths.	Per Cent.	
1865.....	1,115	24.55	1,068	23.52	1,353	29.80	1,005	22.13	23.61
1866.....	999	22.81	957	21.85	1,338	30.56	1,085	24.78	22.51
1867.....	1,071	24.22	950	21.49	1,191	26.94	1,209	27.35	22.38
1868.....	1,341	24.30	1,203	21.80	1,736	31.45	1,239	22.45	23.89
1869.....	1,374	24.88	1,297	23.48	1,562	28.28	1,290	23.36	23.54
1870.....	1,395	22.88	1,314	21.55	1,983	32.52	1,406	23.05	24.34
1871.....	1,411	23.97	1,299	22.06	1,842	31.28	1,336	22.69	22.82
1872.....	1,697	20.97	1,777	21.97	2,511	31.04	2,105	26.02	30.43
1873.....	2,115	26.88	1,726	21.93	2,278	28.95	1,750	22.24	28.75
1874.....	1,805	23.11	1,818	23.27	2,278	29.16	1,911	24.46	23.57
1875.....	2,190	24.17	2,011	22.20	2,680	29.58	2,179	24.05	26.50
1876.....	2,246	27.21	1,809	21.92	2,375	28.78	1,823	22.09	20.86
1877.....	1,723	23.55	1,613	22.05	2,317	31.67	1,663	22.73	20.89
1878.....	1,743	22.82	1,744	22.84	2,174	28.47	1,975	25.87	21.55
1879.....	1,947	26.32	1,615	21.83	1,959	26.48	1,877	25.37	20.63
1880.....	2,015	23.62	1,829	21.45	2,500	29.30	2,187	25.63	23.51
1881.....	2,332	25.86	2,021	22.42	2,466	27.35	2,197	24.38	24.44
1882.....	2,104	23.39	2,212	24.59	2,489	27.67	2,190	24.35	24.02
1883.....	2,208	23.28	2,409	24.74	2,757	28.31	2,306	23.67	25.62
1884.....	2,284	23.73	2,103	21.85	2,725	28.33	2,510	26.09	24.94

1885.....	2,510	26.10	2,484	25.82	2,592	26.95	2,032	21.13	24.52
1886.....	2,214	23.89	2,113	22.79	2,580	27.84	2,361	25.48	22.96
1887.....	2,362	23.45	2,281	22.65	2,912	28.90	2,518	25.00	24.96
1888.....	2,790	27.36	2,420	23.73	2,649	25.98	2,338	22.93	23.90
1889.....	2,437	23.75	2,543	24.78	2,854	27.82	2,425	23.64	23.42
1890.....	2,911	28.60	2,244	22.04	2,699	26.51	2,928	22.85	22.66
1891.....	2,442	23.10	2,540	24.03	2,835	26.82	2,754	26.05	23.02
1892.....	2,998	26.68	2,582	22.98	2,958	26.33	2,698	24.01	23.96
1893.....	2,969	25.35	2,847	24.31	3,013	25.74	2,881	24.60	24.45
1894.....	2,972	25.80	2,592	22.50	3,182	27.62	2,774	24.08	23.57
1895.....	2,995	26.44	2,574	22.72	3,027	26.72	2,733	24.12	22.70
1896.....	2,807	24.99	2,807	24.13	3,319	28.53	2,611	22.44	22.74
1897.....	3,022	27.09	2,802	25.12	2,833	25.40	2,497	22.39	21.28
1898.....	2,599	23.87	2,512	23.08	3,051	28.03	2,724	25.02	20.28
1899.....	2,987	26.75	2,632	23.57	2,800	25.07	2,748	24.61	20.33
1900.....	3,368	28.84	2,778	23.97	2,906	24.89	2,626	22.48	20.80
1901.....	3,032	26.83	2,744	24.29	2,814	24.90	2,710	23.98	19.87
1902.....	2,868	26.11	2,645	24.08	2,647	24.10	2,823	25.71	19.07
1903.....	2,982	28.05	2,515	23.65	2,594	24.40	2,541	23.90	18.23
1904.....	2,963	27.55	2,598	24.15	2,625	24.40	2,571	23.90	18.21
1905.....	2,907	26.41	2,677	24.32	2,821	25.63	2,602	23.64	18.41
1906.....	2,993	26.23	2,797	24.51	2,834	24.84	2,787	24.42	18.61
1907.....	3,162	27.06	2,840	24.30	2,711	23.20	2,973	25.44	18.60
1908.....	3,097	26.30	2,916	24.77	2,967	25.20	2,796	23.74	18.30
1909.....	3,080	27.84	2,772	25.05	2,533	22.89	2,679	24.21	16.80
1910.....	3,214	27.77	2,833	24.48	2,755	23.80	2,772	23.95	17.18
1911.....	3,236	27.50	2,903	24.67	3,054	25.95	2,574	21.87	17.08

Table VII.—Population, Deaths and Death Rates per 10,000 Inhabitants from Nine

YEARS.	Population.	CONSUMPTION.				SMALLPOX.			1 DIPHtheria.			SCARLET FEVER.		
		Deaths from.	Rate per 10,000 Living.		Tuberculosis, Deaths from all forms of.	Deaths from.	Rate per 10,000 Living.		Deaths from.	Rate per 10,000 Living.		Deaths from.	Rate per 10,000 Living.	
1840.....	84,311	222	26.33			115	13.64					57	6.76	
1841.....	89,614	240	26.88			57	6.36					87	9.71	
1842.....	95,251	256	26.88			42	4.41					248	26.04	
1843.....	101,242	307	30.32	29.09		55	5.43	3.64				42	4.15	14.99
1844.....	107,610	249	23.14									229	21.28	
1845.....	114,366	426	37.25			31	2.71					156	13.64	
1846.....	118,551	485	40.91			92	7.76					106	8.94	
1847.....	122,890	544	44.26			23	1.87					59	4.80	
1848.....	127,387	579	45.25	44.50		21	1.65	5.47				177	13.90	11.41
1849.....	132,048	644	48.77			21	1.59					317	24.00	
1850.....	136,881	586	42.82			192	14.02					69	5.04	
1851.....	141,308	669	47.34			63	4.46					50	3.54	
1852.....	145,878	681	46.68			12	.82					269	18.44	
1853.....	150,595	733	48.68	47.36		6	.40	4.39				229	15.21	9.11
1854.....	155,464	752	48.37			118	7.59					65	4.18	
1855.....	160,494	735	45.80			132	8.22					74	4.61	
1856.....	163,820	760	46.39			78	4.76					382	23.32	
1857.....	167,218	764	45.69			2	.12					403	24.10	
1858.....	170,685	784	46.11	45.08 4 yrs.		3	.18	4.70				139	8.17	14.23
1859.....	174,227	739	42.42			156	8.95					142	8.15	
1860.....	177,840					162	9.11					149	8.38	
1861.....	180,646	734	40.63			7	.39		101	5.59		195	10.79	
1862.....	183,497	739	40.27			13	.71		160	8.72		236	12.86	
1863.....	186,390	795	42.65	42.27		11	.59	2.78	353	18.94	11.10	130	6.97	8.99
1864.....	189,331	859	45.37			113	5.97		287	15.16		225	11.88	
1865.....	192,318	813	42.27			115	5.98		134	6.97		50	2.60	
1866.....	194,506	846	43.50			51	2.62		139	7.15		60	3.08	
1867.....	227,523	766	33.66			144	6.33		125	5.49		306	13.45	
1868.....	231,024	868	37.57	38.13		8	.35	2.10	194	8.40	6.54	226	9.78	9.80
1869.....	246,541	916	37.16			6	.24		160	6.49		330	13.38	
1870.....	250,526	990	39.51			32	1.28		134	5.35		205	8.18	
1871.....	258,032	1,080	41.86			28	1.08		128	4.96		111	4.30	
1872.....	265,764	1,161	43.68			738	27.77		94	3.54		258	9.71	
1873.....	321,200	1,194	37.17	40.34		302	9.40	7.03	119	3.70	7.20	474	14.75	10.84
1874.....	331,395	1,333	40.22			2	.06		121	3.65		269	8.12	
1875.....	341,919	1,357	39.69			1	.03		631	18.45		534	15.62	

1 Including croup since 1871.

TYPHOID FEVER.			MEASLES.			TYPHUS FEVER.			CHOLERA.			YELLOW FEVER.		
Deaths from.	Rate per 10,000 Living.		Deaths from.	Rate per 10,000 Living.		Deaths from.	Rate per 10,000 Living.		Deaths from.	Rate per 10,000 Living.		Deaths from.	Rate per 10,000 Living.	
			3	.36		69	8.18							
			1	.11		45	5.02							
			87	9.13		65	6.82							
			23	2.27	3.74	72	7.11	6.92						
			43	3.99		73	6.78							
			36	3.15		97	8.48							
			150	12.65		133	11.22							
			15	1.22		166	54.19							
			16	1.26	7.29	258	20.25	19.40			22.76 2 yrs.			
			209	15.83		119	9.01		611	46.27				
			75	5.48		61	4.46		1	.07				
			145	10.26		88	6.22		5	.35				
			29	1.99		46	3.15							
			144	9.56	6.94	44	2.92	3.02			7.51 2 yrs.			
			136	8.75		38	2.44		218	4.02				
			69	4.30		12	.75							
70	4.27		77	4.70		6	.37							
83	4.96		6	.36		3	.18					1	.06	
73	4.29	4.80	80	4.69	2.63 4 yrs.	2	.11	.22 3 yrs.	1	.06	.06 1 yr.	5	.29	.1 2 yrs.
74	4.25		15	.86										
110	6.18													
96	5.31		10	.55										
85	4.63		78	4.25					2	.22				
130	6.97	5.83	7	.38	1.67			.58 2 yrs.	2	.21	.25 3 yrs.			
107	5.65		46	2.43		10	.53							
125	6.50		15	.78		12	.62		4	.31				
93	4.78		17	.87		8	.41		11	.57				
86	3.78		31	1.36		3	.13		1	.13		1	.04	
120	5.19	5.26	68	2.94	1.52	1	.04	.18 3 yrs.	2	.17	.27 3 yrs.	1	.04	.04 3 yrs.
138	5.60		17	.69										
168	6.71		42	1.68									.04	
176	6.82		9	.35					4	.23	.23			
229	8.62		60	2.26										
243	7.56	7.09	16	.50	1.26									
202	6.10		41	1.24										
227	6.64		65	1.90										

Table VII.—Population, Deaths and Death Rates per 10,000 Inhabitants

YEARS.	Population.	1 CONSUMPTION.				SMALLPOX.			2 DIPHTHERIA.			SCARLET FEVER.		
		Deaths from.	Rate per 10,000 Living.		Tuberculosis, Deaths from all Forms of.	Deaths from.	Rate per 10,000 Living.		Deaths from.	Rate per 10,000 Living.		Deaths from.	Rate per 10,000 Living.	
1876.....	346,004	1,268	36.65			2	.06		720	20.81		458	13.24	
1877.....	350,138	1,273	36.35			4	.11		471	13.45		104	2.97	
1878.....	354,322	1,391	39.25	37.45				.04	569	16.06	17.38	68	1.92	4.58
1879.....	358,554	1,252	34.92						545	15.20		149	4.16	
1880.....	362,839	1,452	40.02			1	.03		774	21.33		33	.91	
1881.....	368,932	1,564	42.39			6	.16		802	21.74		35	.95	
1882.....	374,556	1,579	42.16			8	.21		575	15.35		75	2.00	
1883.....	380,181	1,549	40.74	40.79		1	.03	.09	608	15.99	15.36	211	5.55	3.61
1884.....	385,806	1,543	39.99			1	.03		487	12.62		209	5.42	
1885.....	392,297	1,523	38.82			2	.05		459	11.70		156	3.98	
1886.....	403,721	1,607	39.80						423	10.48		81	2.01	
1887.....	415,145	1,526	36.76						410	9.88		195	4.70	
1888.....	426,569	1,464	34.32	35.27		2	.05	.02	589	13.81	12.04	65	1.52	1.90
1889.....	437,994	1,431	32.67			2	.05		683	15.59		23	.53	
1890.....	449,298	1,495	33.27						462	10.28		42	.93	
1891.....	459,150	1,352	29.45						285	6.21		64	1.39	
1892.....	469,002	1,414	30.15						481	10.26		262	5.59	
1893.....	478,854	1,364	28.48	28.83		4	.08	.09	546	11.40	11.88	248	5.18	3.67
1894.....	488,706	1,425	29.16			22	.45		878	17.97		192	3.93	
1895.....	499,017	1,349	27.03						654	13.11		114	2.28	
1896.....	511,602	1,328	25.96						572	11.18		121	2.37	
1897.....	524,187	1,289	24.59						456	8.70		136	2.59	
1898.....	536,772	1,241	23.12	24.23				.02	185	3.45	7.65	33	.61	2.03
1899.....	549,357	1,236	22.50			5	.09		304	5.53		74	1.35	
1900.....	561,477	1,407	25.06		1,570				537	9.56		181	3.22	
1901.....	568,763	1,346	23.67		1,513	74	1.30		353	6.21		210	3.69	
1902.....	576,049	1,247	21.65		1,395	190	3.30		225	3.91		87	1.51	
1903.....	583,335	1,227	21.03	21.68	1,378	13	.22	.95	214	3.67	3.87	65	1.11	1.53
1904.....	590,621	1,280	21.67		1,400				206	3.49		39	.66	
1905.....	597,908	1,224	20.47		1,378	1	.02		132	2.21		44	.74	
1906.....	613,075	1,185	19.33		1,358				152	2.48		39	.64	
1907.....	628,242	1,138	18.11		1,294				144	2.29		49	.78	
1908.....	643,409	1,094	17.00	17.57	1,317			.003 1 yr.	204	3.17	2.65	104	1.62	1.04
1909.....	658,576	1,072	16.28		1,245	1	.02		193	2.93		82	1.25	
1910.....	673,745	*1,163	17.26		1,364				158	2.35		59	.88	
1911.....	688,912	*1,067	15.49		1,253	1	.01		124	1.80		74	1.07	

1 Including laryngeal and general tuberculosis between 1900-1911.

2 Including croup since 1871.

NOTE.—Population since 1880 estimated by the arithmetical method used by the Census Bureau. See Census Bulletin 108, page 9.

*Deaths classified under Nos. 28 and 29 of the revised classification.

from Nine Infectious Diseases (Consumption Included).—*Concluded.*

TYPHOID FEVER.			MEASLES.			TYPHUS FEVER.			CHOLERA.			YELLOW FEVER.		
Deaths from.	Rate per 10,000 Living.		Deaths from.	Rate per 10,000 Living.		Deaths from.	Rate per 10,000 Living.		Deaths from.	Rate per 10,000 Living.		Deaths from.	Rate per 10,000 Living.	
145	4.19		2	.06										
156	4.46		2	.06		2	.06					2	.06	
120	3.39	3.92	145	4.09	1.13			.04						.06
119	3.32		2	.06		1	.03	2 yrs.						1 yr.
154	4.24		49	1.35										
207	5.61		108	2.93										
212	5.66		25	.67										
198	5.21	5.18	152	4.00	2.01	2	.05							
216	5.60		13	.34		1	.03					1	.03	
152	3.87		84	2.14								1	.03	
135	3.34		36	.89										
183	4.41		119	2.87										
170	3.99	3.89	27	.63	1.17	1	.02							
186	4.25		48	1.10										
155	3.45		19	.42										
154	3.35		21	.46										
137	2.92		19	.41										
148	3.09	3.10	27	.56	.39									
141	2.89		8	.16										
163	3.27		19	.38										
162	3.17		27	.53										
173	3.30		21	.40										
185	3.45	3.09	27	.50	.73							1	.02	
165	3.00		33	.60										
143	2.55		88	1.57										
142	2.50		103	1.81										
139	2.41		66	1.15										
119	2.04	2.24	50	.86	1.24									
135	2.29		89	1.51										
117	1.96		53	.90										
122	1.99		61	1.00										
64	1.02		29	.46										
159	2.47	1.60	151	2.35	1.27									
91	1.38		73	1.11										
78	1.16		96	1.42										
63	.91		74	1.07					1	.01				

Table VIII.—Cases Reported and Deaths from Smallpox, Diphtheria, Scarlet Fever, Typhoid Fever, Measles, Leprosy and Tuberculosis, with Percentages.

DATE.	SMALLPOX.		Percentages.	DIPHTHERIA AND CROUP.		Percentages.	SCARLET FEVER.		Percentages.	TYPHOID FEVER.		Percentages.	MEASLES.		Percentages.	LEPROSY.		TUBERCULOSIS.		Percentages.
	Cases.	Deaths.		Cases.	Deaths.		Cases.	Deaths.		Cases.	Deaths.		Cases.	Deaths.		Cases.	Deaths.	Cases.	Deaths.	
1872.....	2,592	738	28.4																	
1873.....	1,103	302	27.3																	
1874.....	7	2	28.5																	
1875.....	5	1	20.0																	
1876.....	6	2	33.33																	
1877.....	17	4	23.5																	
1878.....				1,370	569	41.53	1,334	104	7.7											
1879.....				1,167	545	46.70	951	149	16.6											
1880.....	4	1	25.0	1,715	774	45.13	497	33	6.6											
1881.....	44		13.6	1,680	802	47.74	383	35	9.1											
1882.....	24		33.3	1,386	575	41.63	689	75	10.9	Oct. 1 to Dec. 31. 335	212	26.8	June to Dec. 31. 409	152	26.2	22.3	201	13	6.47	
1883.....	8		12.4	1,415	608	42.97	1,408	211	14.7	887	198	22.6	84	4.94	19.8	1,699	84	4.94		
1884.....	1	1	100.0	1,212	487	40.18	2,526	209	8.2	948	216	22.6	783	36	4.59	16.5	2,273	119	5.23	
1885.....	11	1	9.0	1,263	450	35.63	1,665	156	9.2	767	152	19.8	783	36	4.59	16.5	2,273	119	5.23	
1886.....	1			1,188	423	35.60	1,149	81	7.0	814	135	16.5	783	36	4.59	16.5	2,273	119	5.23	
1887.....	4			1,049	410	39.08	1,549	195	12.58	940	183	19.46	783	36	4.59	16.5	2,273	119	5.23	
1888.....	8	1	12.4	1,411	589	41.77	707	65	9.19	924	170	18.39	1,517	27	1.77	18.39	1,517	27	1.77	
1889.....	10	2	20.0	1,814	683	27.65	464	23	4.96	1,071	186	17.37	2,399	48	2.00	17.37	2,399	48	2.00	1
1890.....	1			1,475	462	31.32	924	42	4.54	847	135	18.29	1,109	19	1.71	18.29	1,109	19	1.71	

Table IX. — Diphtheria, 1911.

WARDS.	Total Cases.	Total Deaths.	Case Fatality.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
				1911.	1910.	1909.	1908.	1907.	1906.	1905.	1904.	1903.	1902.	1901.	1900.
1.	2,108	124	5.88	233	175	190	182	189	222	113	100	101	196	180	227
2.	2,453	158	6.44	12	11	20	19	10	6	11	2	6	5	7	15
3.	95	6	6.32	17	18	253	225	255	189	164	160	132	170	185	216
4.	103	8	7.77	13	15	14	14	15	11	15	11	11	13	5	14
5.	42	2	4.76	1	1	4	5	12	7	7	7	5	12	5	3
6.	39	1	2.56	1	1	1	8	7	1	3	2	5	13	1	1
7.	22	1	4.55	1	1	9	5	3	18	2	2	2	7	2	7
8.	120	17	14.17	4	1	3	5	3	1	2	5	7	4	1	5
9.	43	3	6.98	12	10	13	15	14	18	6	5	7	1	3	10
10.	140	6	4.29	1	1	2	10	6	1	1	2	1	3	3	6
11.	47	3	6.38	12	16	10	13	5	23	7	6	5	11	11	21
12.	42	3	7.14	7	3	5	5	5	5	2	1	3	5	7	10
13.	35	1	2.86	3	3	1	1	9	3	3	3	1	14	3	3
14.	76	3	3.95	4	4	3	5	2	1	1	4	4	1	8	6
15.	105	6	5.71	8	4	12	10	12	5	5	4	3	6	1	6
16.	69	1	1.45	13	11	10	11	7	26	1	4	5	4	6	3
17.	3	1	33.33	1	6	1	3	11	7	5	3	3	2	4	1
18.	3	3	100.00	1	1	9	8	11	7	5	3	3	2	4	3
19.	3	3	100.00	1	1	6	8	11	7	5	3	3	2	4	3
20.	3	3	100.00	1	1	6	8	11	7	5	3	3	2	4	3

15.....	Cases	63	.....	6.35	10	9	6	4	4	10	2	.....	2	4	1	11
16.....	Deaths	113	.....	2.65	6	7	5	2	10	11	9	6	7	13	11	18
17.....	Cases	109	.....	8.26	5	3	12	7	4	10	3	5	5	9	12	34
18.....	Deaths	58	.....	3.45	1	9	1	2	1	3	6	5	8	2	2	4
19.....	Cases	102	.....	3.92	7	3	2	7	15	10	8	2	5	10	12	18
20.....	Deaths	197	.....	5.08	24	10	16	12	25	20	9	8	14	23	18	1
21.....	Cases	64	.....	3.13	8	5	5	1	5	7	2	.....	5	1	9	1
22.....	Deaths	76	.....	3.95	8	1	13	7	1	2	1	3	4	10	10	12
23.....	Cases	52	.....	11.54	9	7	2	.....	2	4	.....	1	1	7	4	8
24.....	Deaths	75	.....	2.67	14	3	2	6	10	8	5	4	1	11	4	8
25.....	Cases	117	.....	4.27	13	18	12	5	3	7	9	15	3	11	11	10
Unknown.....	Deaths	1	.....	.....	1	.....	.....	2	.....	.....	.....	1	.....	1	.....	1
Nonresidents.....	Cases	103	.....	16.50	10	11	12	12	9	10	7	8	5	6	10	3
	Deaths	.....	.....	.....	2	3	3	3	2	1	1	1	.....	.....	1	.....

15.....	Cases	30	.....	3.33	2	4	2	3	6	1	1	1	6	3	1	.....	1
16.....	Deaths	33	.....	3.03	3	5	6	1	2	3	1	.....	2	1	8	.....	2
17.....	Cases	67	.....	2.99	13	1	1	2	5	3	.....	.....	5	10	8	.....	5
18.....	Deaths	55	.....	7.27	10	4	1	7	10	4	1	.....	.....	5	3	.....	4
19.....	Cases	115	.....	5.22	22	2	15	2	7	9	6	.....	1	1	5	.....	10
20.....	Deaths	96	.....	3.13	14	15	18	4	10	6	5	.....	1	5	5	.....	6
21.....	Cases	46	.....	.....	2	4	9	4	7	2	1	.....	1	1	5	.....	1
22.....	Deaths	65	.....	4.62	5	6	4	6	6	8	1	.....	4	1	8	.....	5
23.....	Cases	46	.....	2.17	10	1	1	1	1	1	1	.....	.....	.....	8	.....	10
24.....	Deaths	76	.....	3.95	17	9	13	12	1	2	5	.....	4	1	4	.....	4
25.....	Cases	103	.....	2.91	11	1	14	5	13	12	8	.....	3	11	13	.....	4
.....	Deaths	9	.....	.....	8	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	1
Unknown.....	Cases	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nonresidents.....	Deaths	179	.....	9.44	13	22	39	24	25	14	8	.....	5	4	6	.....	8
.....	Deaths	.....	.....	.....	2	2	7	1	2	2	.....	.....	.....	.....	11	.....	1

15	Cases	17	5.88				1	2		1	2	4	2	5		
	Deaths	10	20.00				2				1	2	2	2		
16	Cases	15	6.67				1	1		1	1	2	6	1		
	Deaths	15	20.00				1	1		1	2	4	3			
17	Cases	8					1	1		1	1	2	1			
	Deaths	36	8.33				2	1		2	5	10	6	4		
18	Cases	19	10.53				1	1		3	2	3	2	1		
	Deaths	14	21.43				1	1		1	2	4	2	2		
19	Cases	26	19.23				2	2		2	2	3	6	8		
	Deaths	25	8.00				3	3		7	1	4	1	3		
20	Cases	13					1	1		1	1	1	3	3		
	Deaths	2					1	1		1		1				
21	Cases	2								1		1				
	Deaths	33	39.39				4			3	4	13	3	2		
22	Cases	13					2			2	1	2	2	1		
	Deaths	33					1			1						
23	Cases	2														
	Deaths	2														
24	Cases	2														
	Deaths	2														
25	Cases	2														
	Deaths	2														
Unknown	Cases	2														
	Deaths	33	39.39				4			3	4	13	3	2		
Nonresidents	Cases	13					2			2	1	2	2	1		
	Deaths						1			1						

Table XII.—Measles, 1911.

WARD.		Total Cases.	Total Deaths.	Case Fatality.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1911.	Cases Deaths	4,251 74		1.74	294 6	351 4	651 2	698 6	889 13	489 13	191 5	95 4	82 8	105 3	119 6	287 4
1910.	Cases Deaths	4,084 96		2.35	424 7	313 11	439 3	683 9	851 25	756 7	238 9	86 1	45 1	25 1	73 2	151 3
1.	Cases Deaths	76 2		3.45	1 1	1 2	3 9	2 2	8 8	8 8	3 3	4 4	2 2	1 1	3 3	40 4
2.	Cases Deaths	203 7		3.45	1 1	2 5	9 4	11 4	32 11	28 2	13 1	8 1	11 2	8 6	9 1	71 1
3.	Cases Deaths	135 1		.74	1 1	5 1	4 2	4 10	11 48	19 11	11 5	8 1	2 2	6 1	18 1	47 1
4.	Cases Deaths	87 1		1.15	1 1	2 9	2 13	3 3	15 15	7 7	1 1	1 1	2 2	1 1	1 6	6 5
5.	Cases Deaths	61 1		1.64	22 3	9 2	20 12	29 11	79 33	47 9	24 4	37 4	19 4	17 1	37 1	20 2
6.	Cases Deaths	385 29		7.53	34 3	22 6	20 12	29 11	79 33	47 9	24 4	37 4	19 4	17 1	37 1	20 2
7.	Cases Deaths	106 2		1.89	21 1	6 1	12 1	11 27	33 65	9 28	4 13	4 11	4 3	1 2	1 7	5 12
8.	Cases Deaths	341 2		.59	85 6	60 9	28 10	27 17	65 36	28 15	13 3	11 2	3 2	2 6	7 3	12 4
9.	Cases Deaths	113 3		3.06	2 1	1 4	9 6	19 19	32 29	17 18	3 4	2 1	2 3	6 3	2 2	4 9
10.	Cases Deaths	98 11			2 1	4 8	6 9	19 29	32 29	17 18	3 4	2 1	2 3	6 3	2 2	4 9
11.	Cases Deaths	79 164		.61	9 1	8 7	9 3	24 4	32 12	13 5	11 3	4 3	3 1	23 1	7 1	21 1
12.	Cases Deaths	38 2		5.26	1 6	7 8	3 85	4 59	12 43	5 22	3 14	3 5	1 2	1 2	1 2	1 1
13.	Cases Deaths	247			6	8	85	59	43	22	14	5	2	2	2	1

[illegible]

15.....	Cases	87	.....	50.57	7	4	9	11	5	14	9	3	6	7	5	5	6
.....	Deaths	.....	44	..	4	4	7	3	2	6	8	1	3	4	3	4	2
16.....	Cases	78	.....	44.87	7	4	7	6	3	6	2	9	6	3	7	4	3
.....	Deaths	.....	35	..	10	12	12	12	6	15	10	7	11	14	11	9	3
17.....	Cases	122	.....	46.72	5	5	13	4	6	21	8	18	11	4	10	4	7
.....	Deaths	.....	57	..	3	9	13	7	10	8	5	5	11	11	15	4	11
18.....	Cases	139	.....	32.37	3	3	2	4	6	2	9	12	10	2	3	3	4
.....	Deaths	.....	45	..	10	6	6	11	8	10	4	6	13	3	13	5	6
19.....	Cases	107	.....	42.06	1	3	3	8	4	3	4	12	10	9	16	3	4
.....	Deaths	.....	45	..	19	12	12	11	16	17	13	6	13	8	14	15	15
20.....	Cases	160	.....	34.38	6	5	7	16	4	10	4	4	1	11	7	3	6
.....	Deaths	.....	55	..	7	4	4	3	4	3	15	7	8	2	10	10	7
21.....	Cases	108	.....	25.93	1	1	6	6	2	9	4	.....	2	2	5	1	1
.....	Deaths	.....	28	..	1	4	4	3	4	4	7	9	5	6	12	3	10
22.....	Cases	84	.....	41.67	1	7	4	6	4	4	7	1	3	2	1	5	4
.....	Deaths	.....	35	..	4	2	2	4	6	4	4	8	3	2	1	1	4
23.....	Cases	61	.....	57.38	9	9	3	4	4	3	3	5	1	6	10	4	2
.....	Deaths	.....	35	..	4	4	1	4	3	3	2	7	1	3	2	6	2
24.....	Cases	109	.....	39.45	13	4	4	9	10	12	7	7	11	8	8	8	12
.....	Deaths	.....	43	..	3	4	4	4	7	5	6	4	3	1	2	3	2
25.....	Cases	73	.....	38.36	9	14	8	8	5	8	5	3	4	5	3	6	3
.....	Deaths	.....	28	..	2	2	2	6	3	3	2	2	.....	2	2	2	2
Unknown.....	Cases	22	.....	45.46	2	2	2	2	1	.....	2	1	1	3	5	1	1
.....	Deaths	.....	10	..	2	2	2	1	.....	1	15	1	1	10	2	2	1
Nonresidents.....	Cases	168	.....	50.00	23	12	12	15	14	17	.....	11	12	13	16	10	10
.....	Deaths	.....	84	..	7	7	7	9	7	8	3	9	7	5	6	9	8

* Nos. 28 and 29 International Classification.

1864	189,331	5,002	109	5,111	26,99	382	20,18	50	2,64	142	7,50	51
1865	192,318	4,448	93	4,541	23,51	314	16,23	57	2,96	125	6,50	53
1866	194,506	4,288	91	4,379	22,61	334	17,17	78	4,01	137	7,04	56
1867	227,523	5,318	108	5,421	19,43	227	19,98	82	3,67	139	6,11	61
1868	231,024	5,439	190	5,519	23,89	358	15,30	85	3,67	172	7,44	82
1869	256,541	5,377	146	5,523	22,40	402	16,30	107	4,37	159	7,44	107
1870	280,526	5,697	136	6,100	24,35	356	13,41	111	4,43	186	7,82	121
1871	298,032	5,762	123	5,888	22,82	527	20,42	102	3,95	239	9,82	142
1872	265,764	7,917	173	8,090	30,44	517	19,45	104	3,91	207	7,79	170
1873	321,200	7,624	245	7,869	24,50	463	17,23	141	4,39	144	4,48	149
1874	331,395	7,614	158	7,812	23,57	571	17,23	140	4,22	328	9,90	172
1875	341,919	8,901	159	9,060	26,50	632	18,48	103	3,01	322	9,42	142
1876	346,004	8,099	154	8,253	23,85	523	15,11	164	4,73	369	10,66	126
1877	330,138	7,142	174	7,316	20,89	484	13,82	190	5,43	285	8,14	176
1878	354,322	7,492	144	7,636	21,55	581	16,40	196	5,53	359	10,13	204
1879	358,554	7,202	196	7,398	20,63	613	17,10	195	5,44	383	10,68	298
1880	362,839	8,363	168	8,531	23,51	650	17,91	229	6,31	425	11,71	226
1881	368,932	8,782	234	9,016	24,44	684	18,54	241	6,53	465	12,60	259
1882	374,536	8,787	208	8,995	24,02	681	18,18	253	6,75	509	13,59	279
1883	380,181	9,513	227	9,740	25,62	757	19,91	293	7,71	528	13,89	280
1884	385,806	9,374	248	9,622	24,94	764	19,80	282	7,31	530	13,74	306
1885	392,297	9,386	232	9,618	24,52	963	24,55	274	6,98	563	14,35	343
1886	403,721	9,032	216	9,268	22,96	778	19,27	299	7,41	581	14,39	340
1887	415,145	9,824	249	10,073	24,26	795	19,15	324	7,80	619	14,91	331
1888	426,569	9,932	245	10,197	23,90	930	23,26	279	6,54	668	15,66	335
1889	437,994	10,019	240	10,259	23,42	934	21,32	306	6,99	789	18,01	319
1890	449,298	9,920	261	10,181	23,02	990	24,31	326	7,26	783	17,43	297
1891	459,150	10,301	270	10,571	23,02	1,092	25,02	317	6,90	764	16,64	324
1892	469,002	10,951	285	11,236	23,96	1,149	25,02	328	6,99	890	18,98	356
1893	478,854	11,427	283	11,236	24,45	1,540	32,16	310	6,47	785	16,39	376
1894	488,706	11,222	298	11,520	23,57	1,119	22,90	354	7,24	839	17,17	373
1895	499,017	11,034	295	11,329	22,70	1,268	25,41	391	7,84	870	17,43	377
1896	511,602	11,310	323	11,634	22,74	1,387	27,11	389	7,60	861	16,83	410
1897	524,187	10,862	292	11,154	21,28	1,236	23,58	400	7,63	913	17,42	409
1898	536,772	10,620	266	10,886	20,28	1,169	21,78	412	7,68	934	17,40	403
1899	549,357	10,858	309	11,167	20,33	1,455	26,49	402	7,32	966	17,58	428
1900	561,477	11,386	292	11,678	20,80	1,241	19,32	452	8,05	1,009	17,97	415
1901	568,763	11,098	292	11,300	20,87	1,099	19,32	455	8,00	963	16,93	528
1902	576,049	10,645	338	10,983	19,07	1,115	19,36	482	8,37	1,033	17,93	556
1903	583,335	10,335	297	10,682	18,23	1,265	21,69	511	8,76	992	17,01	563

Table XV.—Deaths of White and Colored, and Deaths from Pneumonia, etc.—*Concluded.*

YEARS.	Population.	DEATHS.			Deaths from Pneumonia.	Cancer.	Death rate per 10,000 Inhabitants.	Deaths from Heart Disease.	Death rate per 10,000 Inhabitants.	Deaths from Kidney Disease.	Death rate per 10,000 Inhabitants.
		White.	Colored.	Total.							
1904.	590,621	10,469	288	10,757	1,323	565	9.57	1,056	17.88	543	9.19
1905.	597,908	10,750	257	11,007	1,274	628	10.50	1,082	18.10	568	9.50
1906.	613,075	11,097	314	11,411	1,331	586	9.56	1,118	18.24	630	10.28
1907.	628,242	11,393	293	11,686	1,233	611	9.73	1,211	19.28	627	9.98
1908.	643,409	11,439	337	11,776	1,299	628	9.76	1,177	18.29	506	7.86
1909.	658,576	10,739*	324	11,064	1,262	670	10.17	1,242	18.86	653	9.92
1910.	673,745	11,229	345	11,574	1,376	693	10.28	1,424	21.14	709	10.52
1911.	688,912	11,394	373	11,767	1,334	769	11.16	1,377	19.99	805	11.69

* One color unknown.

NOTE.—The terms "Pneumonia," "Cancer," etc., are used in this table in 1900 and later to include the following diseases as found in the International Classification of causes of death: "Pneumonia," Broncho-Pneumonia, Pneumonia, "Cancer," diseases numbered 39 to 45 inclusive; "Heart Disease," Pericarditis, Acute Endocarditis, organic diseases of the heart; "Kidney Disease," Acute Nephritis, Bright's Disease.

Table XVI.—Stillbirths, by Months, with Ratio to Living Births and Ratio to 1,000 Inhabitants for Twenty Years.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	Total Number of Living Births.	Number of Stillbirths to 100 Living Births.	Ratio to 1,000 Inhabitants.
1802.....	44	48	51	57	60	58	51	55	44	54	57	54	633	15,244	4.15	1.35
1803.....	54	49	52	59	42	41	51	57	51	38	50	61	605	14,842	4.08	1.27
1804.....	56	52	60	50	69	32	49	45	52	72	65	44	700	15,661	4.47	1.44
1805.....	38	47	32	62	41	58	56	63	50	39	51	59	607	15,955	3.80	1.22
1806.....	69	48	51	48	44	57	51	62	50	51	58	59	648	16,754	3.87	1.26
1807.....	52	55	61	55	62	43	42	46	58	52	40	48	614	17,038	3.67	1.16
1808.....	50	48	49	61	56	45	55	36	54	49	52	58	613	16,712	3.60	1.13
1809.....	46	60	41	43	46	52	41	43	35	37	56	39	539	16,301	3.31	.97
1800.....	51	36	63	53	47	41	49	46	42	57	41	47	573	16,471	3.48	1.02
1801.....	42	50	45	42	56	46	40	55	44	58	37	61	576	16,018	3.60	1.01
1901.....	51	50	45	66	37	59	39	66	55	42	50	63	623	16,024	3.89	1.08
1902.....	58	51	51	53	61	60	53	54	51	55	44	44	635	16,066	3.95	1.09
1903.....	57	53	58	59	47	64	54	65	54	49	46	49	663	16,353	4.05	1.12
1904.....	57	58	58	50	66	60	52	59	43	61	59	51	670	16,014	4.18	1.12
1905.....	42	66	51	50	61	61	71	54	49	62	49	42	659	17,284	3.81	1.07
1906.....	62	57	65	61	56	58	63	60	55	66	53	76	732	18,436	3.97	1.17
1907.....	58	49	53	57	50	64	48	62	46	50	66	52	636	18,521	3.43	.99
1908.....	39	49	62	54	63	54	64	54	66	54	52	50	708	17,728	3.99	1.08
1909.....	68	67	59	62	61	49	55	49	50	59	56	52	675	17,741	3.80	1.00
1910.....	69	54	59	62	61	49	55	49	50	59	56	52	708	17,741	3.80	1.00
1911.....	67	56	70	54	56	58	57	66	52	58	69	52	715	17,957	3.98	1.04
Total.....	1,072	1,058	1,101	1,096	1,081	1,110	1,041	1,097	1,001	1,063	1,051	1,052	12,824	333,120		
Average.....	54	53	55	55	54	56	52	55	50	53	53	53	641	16,656		

NOTE.—The mother nationalities of stillbirths in 1911 was as follows, United States, 271; Ireland, 120; England and Wales, 11; Scotland, 3; Germany, 1; Canada, 69; Sweden, 15; Italy, 105; France, 1; Russia and Poland, 98; other foreign, 13; unknown, 6.

Table XVII.—Deaths Under One Year, 1905-11.

GROUPS OF DISEASES.	Year.	MONTHS.												Totals.	Death Rates per 1,000 Births.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.		
* General Diseases (International Classification, Nos. 1-59).	1905	19	14	22	10	22	13	14	23	11	14	10	20	192	11.99
	1906	25	18	24	24	24	18	15	28	23	10	7	18	234	13.54
	1907	20	13	24	19	16	17	26	26	12	18	13	19	223	12.10
	1908	18	14	19	30	25	22	22	25	23	11	14	20	243	13.12
	1909	25	14	29	20	24	14	11	16	22	14	12	15	216	12.18
	1910	16	20	20	17	16	19	13	17	20	25	15	15	213	12.01
	1911	19	28	29	17	27	11	23	20	15	21	12	10	232	12.92
Diseases of the Nervous System (International Classification, Nos. 60-76).	1905	16	12	17	14	10	10	15	14	13	10	7	7	145	9.05
	1906	11	13	15	14	17	8	9	13	12	9	15	10	146	8.45
	1907	16	10	24	17	22	12	11	5	15	8	5	10	155	8.41
	1908	16	16	28	13	15	7	12	12	10	4	4	10	147	7.94
	1909	7	16	11	15	13	5	8	10	3	10	1	4	103	5.81
	1910	14	11	6	6	12	7	5	5	8	5	6	9	94	5.30
	1911	6	6	10	12	7	3	9	2	1	3	6	4	69	3.84
Respiratory Diseases (International Classification, Nos. 86-98).	1905	33	24	38	27	19	16	17	15	14	13	38	59	313	19.55
	1906	43	50	46	48	46	16	21	11	25	30	45	34	415	24.01
	1907	34	33	38	21	30	28	16	19	22	24	37	43	345	18.71
	1908	61	62	45	45	27	11	18	21	22	29	39	67	447	24.13
	1909	39	28	43	31	22	12	11	13	19	15	18	33	284	16.02
	1910	37	41	44	37	22	23	27	15	29	33	34	28	370	20.86
	1911	31	44	40	45	35	22	31	20	26	17	29	33	373	20.77
Digestive Diseases (International Classification, Nos. 99-118).	1905	11	14	16	22	12	26	147	176	91	46	12	9	582	36.34
	1906	13	4	15	13	8	14	83	172	95	38	8	16	479	27.71
	1907	9	8	16	14	11	15	52	192	111	46	17	16	507	27.50
	1908	7	19	8	13	14	14	138	203	121	64	24	19	644	34.77
	1909	21	15	26	20	24	16	85	186	124	60	28	19	624	35.20
	1910	14	23	29	19	13	22	98	149	135	77	34	12	625	35.23
	1911	30	15	33	51	35	29	117	165	107	51	23	16	672	37.42
Diseases of Early Infancy (International Classification, Nos. 151-153).	1905	59	56	47	58	54	53	79	87	94	89	86	80	842	52.58
	1906	76	69	65	78	86	83	96	109	105	81	73	62	983	56.87
	1907	76	55	48	58	79	60	53	96	99	95	61	72	852	46.21
	1908	72	62	78	58	61	70	58	89	67	58	65	46	784	42.33
	1909	55	54	53	52	51	48	37	53	47	35	38	47	570	32.15
	1910	62	63	63	70	61	78	66	51	56	55	43	43	711	40.08
	1911	52	54	60	45	58	47	59	41	59	62	48	61	646	35.97
Ill-defined Diseases (International Classification, Nos. 187-189).	1905	3	3	3	1	1	1	....	....	4	1	....	....	17	1.06
	1906	3	1	2	4	1	....	1	....	....	1	2	1	16	.93
	1907	2	3	2	2	2	1	1	....	....	2	1	3	19	1.03
	1908	....	3	2	13	17	10	33	30	37	36	14	6	201	10.85
	1909	10	3	3	4	....	2	12	14	3	10	9	8	78	4.40
	1910	4	9	2	3	4	5	7	9	8	8	5	2	66	3.72
	1911	3	3	3	2	....	....	5	2	3	1	5	1	28	1.56
All other diseases.	1905	8	8	9	8	10	12	12	3	4	4	6	11	95	5.93
	1906	16	13	19	20	15	13	15	24	11	17	15	17	195	11.28
	1907	20	16	28	25	25	18	13	18	23	26	13	24	249	13.51
	1908	23	22	28	26	23	16	24	25	20	20	26	23	276	14.90
	1909	18	27	27	19	12	20	24	21	22	15	18	27	250	14.10
	1910	16	16	25	11	12	14	9	8	14	22	11	12	170	9.58
	1911	21	25	21	19	19	17	36	10	14	17	16	13	228	12.70

* Classification numbers refer only to years 1910 and 1911. In previous years the classification, containing 179 causes of death, was used.

Table XVIII.—Deaths by Wards and Months, with Death Rates.

WARDS.	Population Estimated July 1, 1911.	Deaths by Residence.	Death Rates.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1.....	30,717	416	13.54	34	31	37	35	34	28	45	30	42	36	29	35
2.....	29,514	499	16.91	44	54	47	49	36	38	58	30	35	34	36	38
3.....	15,463	236	15.26	26	18	19	23	16	16	27	13	18	13	20	27
4.....	13,488	230	17.05	23	14	20	18	16	15	40	18	21	14	18	13
5.....	12,849	197	15.33	15	16	20	14	10	13	26	15	15	13	18	22
6.....	37,164	597	16.06	61	49	58	38	50	44	38	51	60	41	39	34
7.....	14,751	325	22.03	29	35	38	33	29	23	72	18	15	25	23	19
8.....	32,825	430	13.10	42	39	34	32	45	29	46	30	42	28	30	33
9.....	27,477	499	18.16	54	47	34	45	39	29	60	45	33	41	35	37
10.....	25,680	348	13.55	31	36	31	34	52	23	28	18	14	28	21	32
11.....	28,685	308	10.74	35	26	32	33	39	22	42	30	32	26	24	27
12.....	24,917	384	15.41	43	40	36	39	33	22	42	30	32	26	24	27
13.....	21,538	471	21.87	43	57	44	43	31	20	58	38	30	27	24	29
14.....	23,939	358	14.95	34	35	28	35	25	27	38	23	36	24	24	29
15.....	21,437	309	14.41	32	27	34	32	38	29	23	20	15	15	21	23
16.....	26,537	356	13.42	34	32	37	34	26	23	35	30	25	30	23	27
17.....	26,941	473	17.56	48	46	34	37	42	27	54	36	32	39	31	48
18.....	22,885	428	18.70	34	40	37	33	51	23	47	33	28	37	27	28
19.....	32,323	433	13.40	29	38	51	33	37	29	59	32	35	29	22	39
20.....	59,111	973	16.46	60	64	102	103	105	68	102	74	81	55	48	81
21.....	31,480	458	14.55	44	47	39	38	43	39	41	27	33	30	38	39
22.....	30,513	376	12.32	31	29	48	34	42	27	27	26	18	36	27	31
23.....	31,709	354	11.17	28	22	35	38	21	26	33	34	29	32	32	32
24.....	39,255	565	12.87	28	52	53	50	45	39	42	43	30	32	39	44
25.....	27,737	330	11.90	29	21	41	30	27	21	34	21	27	26	22	31
Residence unknown.....	.....	124	.....	11	5	12	8	9	9	30	9	8	6	12	16
Nonresidents.....	.....	1,349	.....	117	104	143	110	113	80	143	141	108	103	90	95
Totals.....	688,912	11,767	17.08	1,068	1,024	1,144	1,060	1,054	789	1,272	902	880	848	791	935

Table XIX.—Deaths of Children Under One Year by Ward, Sex, Color, and of Whites by Birthplace of Mothers, with Death Rates.

Complete birth statistics for 1911 are not yet available, so that in figuring rates per 1,000 births in Tables XIX.—XXVIII., inclusive, the births of 1910 have been used.

WARDS.	DEATHS UNDER ONE YEAR BY WARD RESIDENCE.			Ward Population Estimated July 1, 1911.	DEATHS OF WHITES UNDER ONE YEAR BY BIRTHPLACE OF MOTHERS.										Births, 1910.	Death Rates of Children Under One Year per 1,000 Births.				
	Male.	Female.	Total.		Death Rates Under One Year per 10,000 Inhabitants.	Deaths of Blacks (Negroes and Mixed) Under One Year.	DEATHS OF WHITES UNDER ONE YEAR BY BIRTHPLACE OF MOTHERS.													
							United States.	Ireland.	England and Wales.	Scotland.	Germany.	Canada.	Italy.	Russia and Poland.			Norway and Sweden.	France.	Other Countries.	Unknown.
1.	30,717	42	86	28.00	34	4	8	4	1	1	22	9	3	3	2	1	5	744	115.59	
2.	29,514	48	97	32.87	28	16	11	11	3	1	5	13	8	8	3	1	1	945	102.65	
3.	15,463	26	43	27.81	18	11	10	10	2	1	6	1	2	2	2	1	1	393	109.41	
4.	13,488	24	37	27.43	18	11	10	10	2	1	5	1	2	1	1	1	1	367	100.82	
5.	12,849	26	40	31.13	19	10	10	10	2	1	4	3	15	5	1	12	1	261	153.36	
6.	37,164	107	92	53.55	10	4	4	4	2	1	2	158	15	5	1	12	1	1,818	109.46	
7.	14,751	37	61	41.35	17	4	4	4	2	1	4	9	23	50	1	13	1	445	137.08	
8.	32,825	54	51	31.99	1	1	1	1	1	1	5	11	25	1	1	5	1	1,156	90.83	
9.	27,477	46	90	32.75	28	17	1	1	2	2	5	11	25	1	1	2	2	711	126.58	
10.	25,680	11	8	73.99	3	3	4	4	1	1	4	2	10	1	1	2	2	282	67.38	
11.	28,685	24	12	21.67	14	4	4	4	3	1	11	2	1	28	1	1	1	354	101.69	
12.	24,917	22	54	21.67	22	45	4	4	2	1	2	3	4	4	3	2	1	707	142.86	
13.	21,538	61	40	46.89	24	15	4	4	2	2	5	3	4	3	2	1	1	605	99.17	
14.	23,939	33	27	25.06	27	8	2	2	2	3	5	3	4	1	1	2	1	492	107.72	
15.	21,437	32	53	24.72	29	18	2	2	3	1	9	3	10	2	1	4	1	619	129.24	
16.	26,537	54	26	30.15	3	13	1	1	1	1	12	3	2	2	4	3	2	719	122.39	
17.	26,941	47	41	32.66	43	19	1	1	1	1	9	5	2	3	4	3	2	570	128.07	
18.	22,885	48	25	31.90	35	19	3	3	1	1	43	8	14	1	1	5	4	1,107	298.10	
19.	32,323	42	31	22.58	195	55	1	1	2	1	7	2	4	4	1	5	4	537	76.35	
20*.	59,111	181	330	55.83	2	24	3	3	1	1	7	2	4	4	1	2	1	679	97.20	
21.	31,480	23	18	13.02	31	11	11	11	3	1	7	5	4	2	3	2	1	599	70.79	
22.	30,513	24	42	21.63	25	9	9	9	3	1	5	5	4	2	3	1	1	855	104.09	
23.	31,706	27	19	14.51	46	16	3	3	1	1	12	5	3	1	1	2	1	566	98.94	
24.	39,235	58	31	22.68	25	11	2	2	2	1	4	1	10	1	1	1	1	21	95	95
25.	27,737	30	26	20.19	46	16	3	3	1	1	4	1	10	1	1	1	1	566	98.94	
26.	132	87	219	2	112	19	5	2	2	2	25	15	24	5	5	5	2	864	21	
Boston, ward unknown, Nonresidents.	4	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	95	95	
Totals.	688,912	1,203	2,248	32.63	886	345	40	21	11	229	293	230	29	74	28	17,670	127.22			

* The high rates in Ward 20 are due to the existence of an infant asylum in this ward.

Table XX.—Deaths of Children Under Two Days by Ward, Sex, Color, and of Whites by Birthplace of Mothers, with Death Rates.

WARDS.	Ward Population Esti- mated July 1, 1911.	DEATHS UNDER TWO DAYS BY WARD RESIDENCE.		Deaths of Blacks (Negroes and Mixed) Under Two Days.	DEATHS OF WHITES UNDER TWO DAYS BY BIRTHPLACE OF MOTHERS.										Births, 1910.	Death Rates of Children Under Two Days per 1,000 Births.			
		Male.	Female.		Total.	United States.	Ireland.	England and Wales.	Scotland.	Germany.	Canada.	Italy.	Russia and Poland.	Norway and Sweden.			France.	Other Countries.	Unknown.
1	30,717	9	18	58.60	2	2	1	1	6	1	1	1	1	1	1	1	1	744	24.19
2	29,514	7	17	23.71	8	4	1	4	2	3	1	1	1	1	1	1	1	945	7.41
3	15,463	4	9	57.74	4	4	1	1	1	1	1	1	1	1	1	1	1	393	20.36
4	13,488	4	8	37.07	4	4	1	1	1	1	1	1	1	1	1	1	1	367	13.62
5	12,849	6	12	37.07	8	4	1	1	1	7	1	1	1	1	1	1	1	261	45.98
6	37,164	8	10	24.21	1	1	1	1	1	1	1	1	1	1	1	1	1	1,818	4.95
7	14,751	7	8	54.23	1	1	1	1	1	1	1	1	1	1	1	1	1	1,445	17.98
8	32,825	15	29	88.35	6	5	1	5	1	4	1	1	1	1	1	1	1	1,156	25.09
9	27,777	12	22	76.42	9	4	1	4	1	2	1	1	1	1	1	1	1	711	29.54
10	23,680	6	7	31.15	1	1	1	1	1	1	1	1	1	1	1	1	1	282	28.37
11	28,085	9	8	32.11	1	4	1	1	1	1	1	1	1	1	1	1	1	354	19.77
12	24,917	2	18	53.57	4	14	1	14	1	1	1	1	1	1	2	1	1	707	25.46
13	21,558	10	8	33.15	5	5	1	5	1	1	1	1	1	1	1	1	1	605	23.14
14	23,939	9	14	58.48	6	4	1	4	1	1	1	1	1	1	1	1	1	492	18.29
15	21,437	6	9	41.98	1	5	1	5	1	1	1	1	1	1	1	1	1	619	27.46
16	26,537	13	17	64.06	5	3	1	3	1	1	1	1	1	1	1	1	1	719	23.64
17	26,941	7	10	63.10	13	1	1	1	1	1	1	1	1	1	2	1	1	570	22.81
18	22,885	12	8	56.80	4	7	1	7	1	1	1	1	1	1	1	1	1	765	26.14
19	32,323	12	13	61.87	7	10	1	10	1	1	1	1	1	1	1	1	1	1,107	27.10
20	59,111	17	30	50.75	14	5	1	5	1	1	1	1	1	1	1	1	1	537	13.04
21	31,480	3	4	22.23	1	1	1	1	1	1	1	1	1	1	1	1	1	679	19.15
22	30,513	7	13	42.60	1	3	1	3	1	1	1	1	1	1	1	1	1	599	11.69
23	31,706	5	2	22.08	4	4	1	4	1	1	1	1	1	1	1	1	1	855	21.05
24	39,235	12	6	45.88	7	7	1	7	1	1	1	1	1	1	1	1	1	566	22.97
25	27,737	8	13	46.87	6	4	1	6	1	1	1	1	1	1	1	1	1	21	.....
Boston, ward unknown, Nonresidents.	.....	16	1	.....	1	2	2	2	4	1	1	1	1	1	1	1	1	864	.....
Unknown.	.....	2	3	.....	1	1	1	1	1	1	1	1	1	1	1	1	1	95	.....
Totals.	688,912	223	363	52.69	7	135	82	8	6	2	39	48	23	4	8	1	1	17,670	20.54

Table XXII.—Deaths of Children One Week and Under One Month by Wards, Sex, Color, and of Whites by Birthplace of Mothers, with Death Rates.

WARDS.	Ward Population Estimated July 1, 1911.	DEATHS ONE WEEK AND UNDER ONE MONTH BY WARD RESIDENCE.			Deaths of Blacks (Negroes and Mixed) One Week and Under One Month.	DEATHS OF WHITES ONE WEEK AND UNDER ONE MONTH BY BIRTHPLACE OF MOTHERS.										Births, 1910.	Death Rates of Children One Week and Under One Month per 1,000 Births.					
		Male.	Female.	Total.		United States.	Ireland.	England and Wales.	Scotland.	Germany.	Canada.	Italy.	Russia and Poland.	Norway and Sweden.	France.			Other Countries.	Unknown.			
1.	30,717	3	5	8	16.28	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	744	7.72
2.	29,514	4	6	11	37.27	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	945	11.64
3.	15,463	4	6	10	38.80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	393	15.27
4.	13,488	4	4	8	44.48	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	367	16.35
5.	12,849	5	5	10	38.91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	261	19.16
6.	37,164	13	11	24	64.58	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,818	13.20
7.	14,751	6	6	12	81.35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	445	26.97
8.	32,825	8	15	23	45.70	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,156	12.98
9.	27,477	9	7	16	40.03	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	711	15.47
10.	25,680	10	11	21	77.88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	282	7.09
11.	25,680	11	1	12	10.46	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	354	8.47
12.	24,917	12	9	21	36.12	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	394	22.84
13.	21,538	13	6	19	51.07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	707	15.56
14.	23,939	14	4	18	25.06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	605	9.92
15.	21,437	15	5	20	37.32	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	492	16.26
16.	26,537	16	5	21	22.61	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	619	9.69
17.	26,941	17	4	21	44.54	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	719	16.69
18.	22,885	18	4	22	17.48	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	570	7.02
19.	32,323	19	4	23	18.56	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	765	7.84
20.	59,111	20	18	38	74.44	28	4	...	...	...	...	...	...	...	...	...	...	...	...	...	1,107	39.75
21.	31,480	21	5	26	31.77	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	537	18.62
22.	30,513	22	3	25	16.39	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	679	7.36
23.	37,706	23	8	31	22.08	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	599	11.69
24.	39,235	24	13	37	53.52	12	6	...	...	...	...	...	...	...	...	...	...	...	...	...	855	24.56
25.	27,737	25	6	31	36.05	6	1	...	...	...	...	...	...	...	...	...	...	...	...	...	566	17.67
Boston, ward unknown.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21	...
Nonresidents	...	14	11	25	...	11	4	2	1	...	...	...	...	...	...	...	...	...	...	...	864	...
Unknown.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	95	...
Totals.	688,912	159	125	284	41.22	120	39	4	3	1	27	49	24	5	...	4	1	17,670	16.07			

Table XXIII.—Deaths of Children One Month and Under Three Months by Ward, Sex, Color, and of Whites by Birthplace of Mothers, with Death Rates.

Wards.	Ward Population Estimated July 1, 1911.	Deaths One Month and Under Three Months by Ward Residence.			Deaths of Whites One Month and Under Three Months by Birthplace of Mothers.											Deaths Rates of Children Three Months per 1,000 One Month and Under						
		Male.	Female.	Total.	Deaths of Blacks (Negroes and Mixed) One Month and Under Three Months.																	
					Death Rates One Month and Under Three Months per 1,000 Inhabitants.	Deaths of Blacks (Negroes and Mixed) One Month and Under Three Months.	United States.	Ireland.	England and Wales.	Scotland.	Germany.	Canada.	Italy.	Russia and Poland.	Norway and Sweden.		France.	Other Countries.	Unknown.			
1.	30,717	8	8	11	58	51	11	1	1	1	1	1	1	1	1	1	1	7	1	1	744	14.78
2.	29,514	11	11	22	54	54	11	1	1	1	1	1	1	1	1	1	1	1	1	1	945	23.28
3.	15,463	3	3	6	38	80	3	1	1	1	1	1	1	1	1	1	1	1	1	1	393	15.27
4.	13,488	1	1	2	4	83	1	1	1	1	1	1	1	1	1	1	1	1	1	1	367	5.45
5.	12,849	5	5	10	54	48	5	1	1	1	1	1	1	1	1	1	1	1	1	1	261	26.82
6.	37,164	14	12	26	69	96	14	1	1	1	1	1	1	1	1	1	1	1	1	1	1,818	14.30
7.	14,751	9	9	18	81	35	9	1	1	1	1	1	1	1	1	1	1	1	1	1	445	26.97
8.	32,825	7	7	14	88	74	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1,156	13.87
9.	27,477	9	8	17	54	59	9	1	1	1	1	1	1	1	1	1	1	1	1	1	711	21.10
10.	25,680	7	7	14	11	68	7	1	1	1	1	1	1	1	1	1	1	1	1	1	282	10.64
11.	21,111	1	1	2	20	92	1	1	1	1	1	1	1	1	1	1	1	1	1	1	354	16.95
12.	28,099	6	6	12	28	09	6	2	2	2	2	2	2	2	2	2	2	2	2	2	394	17.77
13.	24,917	1	1	2	74	29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	707	22.63
14.	21,538	15	14	29	45	95	15	5	5	1	1	1	1	1	1	1	1	1	1	1	605	18.18
15.	23,939	7	7	14	45	95	7	4	4	1	1	1	1	1	1	1	1	1	1	1	492	14.23
16.	21,437	5	5	10	32	65	5	5	5	4	4	1	1	1	1	1	1	1	1	1	619	27.46
17.	26,537	12	12	24	64	06	12	5	5	5	5	1	1	1	1	1	1	1	1	1	719	13.91
18.	26,941	5	5	10	37	12	5	3	3	4	4	1	1	1	1	1	1	1	1	1	570	28.07
19.	22,885	8	8	16	69	01	8	3	3	4	4	1	1	1	1	1	1	1	1	1	765	7.84
20.	32,323	6	6	12	18	56	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1,107	114.72
21.	59,111	70	57	127	21	49	70	1	1	1	1	1	1	1	1	1	1	1	1	1	537	16.76
22.	31,480	5	4	9	28	59	5	6	6	1	1	1	1	1	1	1	1	1	1	1	679	22.09
23.	30,513	11	11	22	49	10	11	7	7	3	3	3	3	3	3	3	3	3	3	3	599	18.36
24.	31,706	4	4	8	34	69	4	6	6	1	1	1	1	1	1	1	1	1	1	1	555	14.04
25.	33,235	10	2	12	30	38	10	2	2	1	1	1	1	1	1	1	1	1	1	1	566	19.43
26.	27,737	6	6	11	39	66	5	1	1	1	1	1	1	1	1	1	1	1	1	1	21	864
27.	30,717	18	17	35	58	51	18	1	1	1	1	1	1	1	1	1	1	1	1	1	864	24.79
Totals.	688,912	243	195	438	63	58	9	186	63	7	4	2	47	48	38	6	15	13	1	1	17,670	24.79

Table XXIV.—Deaths of Children Three Months and Under Six Months by Ward, Sex, Color, and of Whites by Birthplace of Mothers, with Death Rates.

Wards.	Deaths Three Months and Under Six Months by Ward Residence.			Ward Population Estimated July 1, 1911.	Deaths of Blacks (Negroes and Mixed) Three Months and Under Six Months.	Deaths Rates Three Months and Under Six Months per 10,000 Inhabitants.	Deaths of Whites Three Months and Under Six Months by Birthplace of Mothers.										Births, 1910.	Death Rates of Children Three Months and Under Six Months per 1,000 Births.				
	Total.		Male.				Female.	United States.	Ireland.	England and Wales.	Scotland.	Germany.	Canada.	Italy.	Russia and Poland.	Norway and Sweden.			France.	Other Countries.	Unknown.	
1.....	10	8	18	58.60	30,717	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	744	24.19
2.....	17	6	23	77.93	29,514	.....	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	945	24.34
3.....	3	3	9	58.20	15,463	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	393	22.90
4.....	5	3	8	59.31	13,488	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	367	21.80
5.....	2	2	7	54.48	12,849	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	261	26.82
6.....	23	12	35	94.18	37,164	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,818	19.25
7.....	5	3	8	54.23	14,751	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	445	17.98
8.....	9	7	12	56.56	32,825	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,156	10.38
9.....	9	7	16	58.23	27,477	.....	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	711	22.50
10.....	1	.....	1	38.94	25,680	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	282	3.55
11.....	4	.....	5	17.43	28,685	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	354	14.12
12.....	7	3	10	40.13	24,917	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	394	25.38
13.....	10	6	16	74.29	21,538	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	707	22.63
14.....	6	7	13	54.30	23,930	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	605	21.49
15.....	7	2	9	41.98	21,437	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	492	18.29
16.....	5	4	9	33.91	26,537	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	619	14.54
17.....	10	8	18	66.81	26,885	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	719	25.03
18.....	9	3	13	56.81	22,855	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	570	22.81
19.....	6	6	15	46.41	32,323	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	765	19.61
20.....	31	23	54	91.35	59,111	.....	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,107	48.78
21.....	4	1	5	15.88	31,480	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	537	9.31
22.....	4	9	13	18.92	30,513	.....	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	679	19.15
23.....	4	2	6	42.60	31,706	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	599	10.02
24.....	12	4	16	40.78	39,285	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	855	18.71
25.....	3	6	9	32.45	27,737	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	566	15.90
Boston, ward unknown, Nonresidents.	36	21	57	.....	.....	.....	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21	.....
Unknown.	.....	.....	.....	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	864	.....
Totals.....	245	160	405	58.79	688,912	11	170	61	14	1	1	1	37	48	38	7	.....	13	4	17,670	22.92	

Table XXV.—Deaths of Children Six Months and Under Nine Months by Ward, Sex, Color, and of Whites by Birthplace of Mothers with Death Rates.

Wards.	Deaths Six Months and Under Nine Months by Ward Residence.			Ward Population Estimated July 1, 1911.	Deaths of Whites Six Months and Under Nine Months by Birthplace of Mothers.										Deaths of Blacks (Negroes and Mixed) Six Months and Under Nine Months per 10,000 Inhabitants.	Death Rates Six Months and Under Nine Months		
	Male.	Female.	Total.		United States.	Ireland.	England and Wales.	Scotland.	Germany.	Canada.	Italy.	Russia and Poland.	Norway and Sweden.	France.		Other Countries.	Unknown.	
1.....	10	4	14	45.58	3	1	1	1	1	5	3	2	1	1	1	744	18.82	
2.....	7	11	18	60.99	3	3	3	3	3	3	4	2	1	1	1	945	19.05	
3.....	3	3	6	38.80	3	3	3	3	3	3	3	3	3	3	3	393	15.27	
4.....	2	2	4	22.24	2	1	1	1	1	1	1	1	1	1	1	367	8.17	
5.....	3	3	6	46.70	4	1	1	1	1	1	1	5	1	7	3	261	22.99	
6.....	35	25	60	16.14	1	1	1	1	1	1	47	5	1	1	1	1,818	33.00	
7.....	37	164	201	40.68	1	1	1	1	1	1	1	5	1	3	3	445	13.48	
8.....	14	14	28	42.65	1	1	1	1	1	1	4	3	1	1	1	1,156	12.11	
9.....	27	47	74	36.39	2	1	1	1	1	1	1	3	1	1	1	711	14.06	
10.....	25	68	93	77.88	1	3	3	3	3	1	2	1	2	2	2	282	7.09	
11.....	6	3	9	20.92	3	3	3	3	3	4	2	1	3	3	3	354	16.95	
12.....	28	65	93	40.13	3	3	3	3	3	5	4	6	1	1	1	394	25.36	
13.....	24	917	1,941	74.29	4	3	3	3	3	3	3	3	3	3	3	707	22.63	
14.....	23	538	561	20.89	3	3	3	3	3	3	3	3	3	3	3	605	8.26	
15.....	21	437	458	51.31	5	2	1	1	1	1	1	1	1	1	1	492	22.36	
16.....	16	7	23	41.45	4	3	3	3	3	1	1	1	1	1	1	619	17.77	
17.....	4	4	8	33.45	3	3	3	3	3	3	3	1	1	1	1	719	12.52	
18.....	5	5	10	56.81	1	3	3	3	3	3	3	1	1	1	1	570	22.81	
19.....	3	2	5	30.94	4	3	3	3	3	3	3	1	1	1	1	765	13.07	
20.....	14	17	31	32.44	13	3	3	3	3	7	1	2	1	2	2	1,107	28.00	
21.....	1	1	2	63.53	2	3	3	3	3	1	1	1	1	1	1	537	3.72	
22.....	3	3	6	98.32	2	3	3	3	3	1	1	1	1	1	1	679	4.42	
23.....	30	513	543	22.08	3	3	3	3	3	3	3	1	1	1	1	599	11.69	
24.....	39	285	324	33.13	7	3	3	3	3	3	3	2	2	2	2	855	15.20	
25.....	27	737	764	21.63	3	3	3	3	3	3	3	2	2	2	2	566	10.60	
Boston, ward unknown, Nonresidents.	19	17	36	.....	1	4	4	4	4	2	1	6	1	3	3	21	.....	
Unknown.....	.....	.....	.....	.....	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	95	.....	
Totals.....	183	145	328	47.61	10	99	37	2	3	1	42	38	3	1	22	2	17,670	18.56

Table XXVI.—Deaths of Children Nine Months and Under One Year by Ward, Sex, Color, and of Whites by Birthplace of Mothers, with Death Rates.

WARDS.	Ward Population, Estimated July, 1, 1911.	DEATHS NINE MONTHS AND UNDER ONE YEAR BY WARD RESIDENCE.			Deaths Rates Nine Months and Under One Year per 10,000 Inhabitants.	Deaths of Blacks (Negroes and Mixed) Nine Months and Under One Year.	DEATHS OF WHITES NINE MONTHS AND UNDER ONE YEAR BY BIRTHPLACE OF MOTHERS.										Births, 1910.	Death Rates of Children Nine Months and Under One Year per 1,000 Births.		
		Male.	Female.	Total.			United States.	Ireland.	England and Wales.	Scotland.	Germany.	Canada.	Italy.	Russia and Poland.	Norway and Sweden.	France.			Other Countries.	Unknown.
1.....	30,717	1	9	7	22.79	.....	.....	3	1	1	1	1	7	.....	.....	.....	1	1	744	9.41
2.....	29,514	4	9	13	44.05	.....	.....	3	1	1	1	1	.....	.....	.....	.....	.....	.....	945	13.76
3.....	15,463	3	3	4	25.87	.....	.....	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	393	10.18
4.....	13,888	6	1	9	66.73	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	367	24.52
5.....	12,849	.....	.....	.....	77.83	.....	.....	2	.....	.....	.....	1	30	3	.....	.....	1	.....	261	3.83
6.....	37,164	12	25	37	99.56	.....	.....	2	1	.....	.....	1	.....	.....	.....	.....	.....	.....	1,818	20.35
7.....	14,751	4	7	11	74.57	.....	.....	1	.....	.....	.....	1	4	7	.....	.....	6	.....	445	24.72
8.....	32,825	9	5	14	42.65	.....	.....	2	2	.....	.....	1	.....	2	.....	.....	.....	.....	1,156	12.11
9.....	27,477	3	3	6	21.84	.....	.....	2	.....	.....	.....	.....	.....	1	.....	.....	1	.....	711	8.44
10.....	25,680	.....	.....	.....	38.94	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	282	3.55
11.....	28,685	3	2	5	17.43	.....	.....	2	.....	.....	.....	1	1	2	.....	.....	.....	.....	354	14.12
12.....	24,917	2	3	4	16.05	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	394	10.15
13.....	21,538	3	4	7	60.36	.....	.....	4	6	.....	.....	.....	.....	3	.....	.....	.....	.....	707	18.39
14.....	23,939	4	2	6	25.06	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	605	9.92
15.....	21,437	3	2	5	23.32	.....	.....	3	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	492	10.16
16.....	26,537	7	4	11	41.45	.....	.....	3	2	.....	.....	.....	1	.....	.....	.....	.....	.....	619	17.77
17.....	17,666	6	6	12	44.54	.....	.....	5	4	.....	.....	2	.....	.....	.....	.....	.....	.....	719	16.69
18.....	22,885	8	4	12	34.96	.....	.....	3	2	.....	.....	.....	.....	2	.....	.....	.....	.....	570	14.04
19.....	32,323	4	10	14	43.31	.....	.....	8	3	.....	.....	1	.....	.....	.....	.....	.....	.....	765	18.30
20.....	59,111	9	12	21	35.53	.....	.....	16	3	.....	.....	.....	.....	1	.....	.....	.....	.....	1,107	18.97
21.....	31,480	1	2	3	95.30	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	537	5.59
22.....	30,513	2	5	7	22.94	.....	.....	2	2	.....	.....	1	1	.....	.....	.....	.....	.....	679	10.31
23.....	31,706	4	4	8	12.62	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	599	6.68
24.....	39,235	3	4	7	17.84	.....	.....	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	855	8.19
25.....	27,737	1	.....	1	36.05	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	566	1.77
Boston, ward unknown.	.....	22	9	31	.....	.....	.....	14	2	.....	.....	2	2	7	1	.....	.....	.....	21	.....
Nonresidents.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	864	.....
Unknown.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	95	.....
Totals.....	688,912	122	133	255	37.01	8	90	39	3	2	4	16	46	29	1	2	10	5	17,670	14.43

Table XXVII.—Deaths of Children Under One Year by Ward, Color, and of Whites by Principal Birthplace of Mothers, with Death Rates per 1,000 Births.

Wards.	WHITES.																	
	Births by Residences, 1910.	Deaths Under 1 year by Residences, 1911.	Death Rates per 1,000 Births.	MOTHERS BORN IN UNITED STATES.			MOTHERS BORN IN IRELAND.			MOTHERS BORN IN CANADA.			MOTHERS BORN IN ITALY.			MOTHERS BORN IN RUSSIA AND POLAND.		
				Births, 1910.	Deaths under 1 year, 1911.	Death Rates per 1,000 Births.	Births, 1910.	Deaths under 1 year, 1911.	Death Rates per 1,000 Births.	Births, 1910.	Deaths under 1 year, 1911.	Death Rates per 1,000 Births.	Births, 1910.	Deaths under 1 year, 1911.	Death Rates per 1,000 Births.	Deaths under 1 year, 1911.	Death Rates per 1,000 Births.	
1.	744	86	115.50	296	34	114.86	52	4	76.92	148	22	148.65	181	9	111.11	105	8	28.57
2.	945	97	102.65	163	28	171.78	68	8	117.65	127	16	94.49	382	31	81.15	138	4	57.97
3.	393	43	109.41	159	18	113.21	142	16	112.68	49	12	122.45	13	1	83.33	4	8	250.00
4.	367	37	100.82	165	19	108.99	102	10	107.84	59	5	84.75	12	3	333.33	8	2	
5.	261	40	153.36	91	18	208.79	115	10	86.96	25	4	160.00	9	3	333.33	4	2	
6.	1,818	199	109.46	82	10	121.95	11	1	90.91	11	2	181.82	1,481	158	108.68	160	15	93.75
7.	445	61	137.08	70	16	202.53	49	4	81.63	24	1	41.67	83	9	108.43	46	5	108.70
8.	1,156	105	90.83	97	17	175.26	36	4	111.11	30	4	133.33	185	23	124.32	716	50	69.83
9.	711	90	126.58	150	28	186.67	70	11	157.14	36	5	138.89	71	11	154.93	306	25	81.70
10.	282	19	67.38	90	14	122.81	59	7	118.64	46	2	43.48	19	5		150	10	66.67
11.	354	36	101.69	114	23	141.98	40	4	81.63	64	11	171.88	30	2	66.67	12	2	179.49
12.	394	54	137.06	162	24	118.28	209	45	150.50	20	2	100.00	23	1	43.48	156	28	114.29
13.	707	101	142.86	186	22	89.22	148	15	101.35	54	5	92.59	32	3	93.75	35	4	74.07
14.	605	60	99.17	269	24	111.57	109	18	73.39	38	5	131.58	18	3	166.67	27	2	129.87
15.	492	53	107.72	242	27	109.02	95	19	189.47	79	9	113.92	40	3	75.00	77	10	36.36
16.	619	80	129.24	266	29	161.65	186	19	102.15	90	12	133.33	47	3	33.90	55	2	33.90
17.	719	88	122.39	159	18	113.21	109	13	119.27	46	9	195.65	13	2	166.67	31	3	96.77
18.	570	73	128.07	283	35	123.67	296	19	64.19	56	5	89.29	12	2	92.94	136	14	102.94
19.	765	73	95.42	351	51	407.41	135	53	407.41	135	43	318.52	29	8	275.86	50	4	80.00
20.	1,107	330	298.10	571	60	87.27	60	3	50.00	82	7	85.37	27	2	250.00	53	4	75.47
21.	537	24	76.35	275	24	116.10	150	11	73.33	77	7	90.91	91	2	75.47	14	2	142.86
22.	679	66	97.20	267	31	80.65	103	9	87.38	73	5	68.49	24	5	294.12	15	3	200.00
23.	599	46	76.79	1	25	102.22	128	16	125.00	135	12	88.89	17	1	40.00	62	10	161.29
24.	855	89	104.09	2	450	114.68	131	11	83.97	76	4	52.63	25	2		6	24	
25.	566	56	98.94	218	25					3			2			47		
Boston, ward	21	1		7	1		73	19		106	25		13	15		6		
unknown....	864	219		513	53		13			16	1					2		
Unknown....	95	5																
Totals....	17,670	2,248	127.22	*307	886	148.09	2,813	345	122.64	1,722	229	132.98	2,705	293	108.32	2,479	230	92.78

* Corresponding to the 307 births of blacks above there were 57 deaths under 1 year in 1911. This gives a death rate of 185.67 per 1,000 births.

These 1911 tables relating to infant mortality indicate that the children of Italian and Russian mothers have greater vitality at birth than the children of mothers born in the United States, Ireland or Canada.

For whites: Children of mothers born in the United States had thirty-seven deaths under one week per 1,000 births; children of mothers born in Ireland had thirty-eight deaths under one week per 1,000 births; children of mothers born in Canada had thirty-five deaths under one week per 1,000 births; children of mothers born in Russia and Poland had twenty-five deaths under one week per 1,000 births; children of mothers born in Italy had thirteen deaths under one week per 1,000 births.

Similar differences appeared in the corresponding tables of the 1910 report.

For that year, children of mothers born in the United States had thirty-nine deaths under one week per 1,000 births; children of mothers born in Ireland had thirty-four deaths under one week per 1,000 births; children of mothers born in Canada had fifty deaths under one week per 1,000 births; children of mothers born in Russia and Poland had eighteen deaths under one week per 1,000 births; children of mothers born in Italy had twenty-two deaths under one week per 1,000 births.

Table XXVIII.—Deaths Under One Year by Principal Diseases and Principal Birthplaces of Mothers, with Rates per 1,000 Births.

CAUSES OF DEATH.	TOTALS BOSTON.		MOTHERS BORN IN UNITED STATES.		MOTHERS BORN IN IRELAND.		MOTHERS BORN IN CANADA.		MOTHERS BORN IN ITALY.		MOTHERS BORN IN RUSSIA AND POLAND.	
	Deaths under 1 year, 1911.	Rate per 1,000 Births, 1910.	Deaths under 1 year, 1911.	Rate per 1,000 Births, 1910.	Deaths under 1 year, 1911.	Rate per 1,000 Births, 1910.	Deaths under 1 year, 1911.	Rate per 1,000 Births, 1910.	Deaths under 1 year, 1911.	Rate per 1,000 Births, 1910.	Deaths under 1 year, 1911.	Rate per 1,000 Births, 1910.
Measles.....	17		6		3		1		6		1	
Scarlet fever.....	2	5.15	20	4.82	10	6.39	6	5.15	4	5.91	5	3.23
Whooping cough.....	52		4		5		2		6		2	
Diphtheria.....	20		8		1		1		1		1	
Pulmonary tuberculosis.....	12	3.11	15	3.69	9	3.55	7	4.58	4	1.85	4	2.02
Other forms of tuberculosis.....	43		1		1							
Broncho-pneumonia.....	190	10.75	72	11.56	25	8.88	12	6.87	48	17.74	17	6.86
Pneumonia.....	131	7.41	37	5.94	16	5.68	10	5.72	31	11.46	21	8.47
Diarrhea and enteritis.....	627	35.48	278	44.65	88	31.25	65	37.21	77	28.47	62	25.01
Congenital malformations.....	140	7.92	57	9.16	27	9.59	14	8.01	11	4.07	16	6.45
Congenital debility.....	456	25.81	189	30.36	82	29.12	56	32.05	45	16.64	47	18.96
Other diseases peculiar to early infancy.....	188	10.64	76	12.21	43	15.27	19	10.88	8	2.96	24	9.68

The 1910 births of the various mother nativities were, United States, 6,226; Ireland, 2,816; Canada, 1,747; Italy, 2,705; and Russia and Poland, 2,479.

[illegible]

[illegible]

Table XXIX.—Deaths by Cause, Sex and Age.—Continued.

Classification Number.	CAUSES OF DEATH.	Under 2 days.														2 days and under 1 week.		1 week and under 1 month.		1 to 3 months.		3 to 6 months.		6 to 9 months.		9 months to 1 year.		Under 1 year.		1 year and under 2 years.		2 years and under 3 years.		3 years and under 4 years.		4 years and under 5 years.		TOTAL UNDER 5 YEARS.	
		M.		F.		M.		F.		M.		F.		M.		F.		M.		F.		M.		F.		M.		F.		M.		F.		M.		F.			
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.				
	II. DISEASES OF THE NERVOUS SYSTEM AND THE ORGANS OF SPECIAL SENSE.																																						
60	Encephalitis.....																																						
	1. Simple meningitis.....																																						
61	Meningitis.....																																						
	2. Cerebro-spinal meningitis (undefined).....																																						
	3. Cerebro-spinal fever.....																																						
62	Locomotor ataxia.....																																						
63	Other diseases of the spinal cord.....																																						
	(a) <i>Acute Anterior Poliomyelitis</i> *.....																																						
64	Cerebral hemorrhage, apoplexy.....																																						
65	Softening of the brain.....																																						
66	Paralysis without specified cause.....																																						
67	General paralysis of the insane.....																																						
68	Other forms of mental alienation.....																																						
69	Epilepsy.....																																						
70	Convulsions (nonpuerperal).....																																						
71	Convulsions of infants.....																																						
72	Chorea.....																																						
73	Neuralgia and Neuritis.....																																						
74	Other diseases of the nervous system.....																																						
75	Diseases of the eyes and their annexa.....																																						
76	Diseases of the ears.....																																						
	Totals of the nervous system, etc.....	2	3	4	2	5	4	7	4	11	7	7	7	7	7	35	33	20	16	7	4	3	1	3	3	68	57												
	III. DISEASES OF THE CIRCULATORY SYSTEM.																																						
77	Pericarditis.....																																						
78	Acute endocarditis.....																																						
79	Organic diseases of the heart.....																																						
80	Angina pectoris.....																																						
81	Diseases of the arteries, aneurism, etc.....																																						

* Deaths under italicized heading are included in those of the main heading.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

*Deaths under italicized heading are included in those of the main heading.

Table XXX.—Deaths by Nativity and Mother Nativity.—Continued.

Classification Number.	NATIVITY.													MOTHER NATIVITY.												
	Total.																									
	United States.	Ireland.	England and Wales.	Scotland.	Germany.	Canada.	Sweden and Norway.	Italy.	France.	Russia and Poland.	Other Countries.	Unknown.	United States.	Ireland.	England and Wales.	Scotland.	Germany.	Canada.	Sweden and Norway.	Italy.	France.	Russia and Poland.	Other Countries.	Unknown.		
64	540	248	158	20	3	19	57	1	14	12	7	1	159	202	17	9	21	33	1	14	1	12	5	66		
65	4	3	1										3	1												
66	35	16	12	2		2		2			1		9	15	2		2	1						5		
67	35	18	4			6			4	3			7	13		1		6		4		2		2		
68	18	9	4			4		4					5	8			1	2	1					1		
69	9	7						1		1		1	2	3						2		1		1		
70																										
71		25											9	4	1			2		5		3	1			
72	3	2	1										2													
73	3	2				2							5	4			2	4				1				
74	15	7				3				1																
75	49	29	7	1	3	1	2		2	2			16	14		3	3	2		2		5	2	2		
76	4	4											3													
	39	29	2			6				2			13	5				9				4	5	3		
Totals of the nervous system, etc.....	927	510	203	25	6	25	86	3	29	22	15	3	275	307	20	14	33	76	4	50	1	36	20	91		
III. DISEASES OF THE CIRCULATORY SYSTEM.																										
77	16	12	2				1						5	3			1		2			1	1	2		
78	49	24	11			2	3		2		1		8	18			2	6		2		7		4		
79	1,312	578	341	44	11	38	132	6	36	3	72	34	17	294	497	45	27	93	7	35	4	79	32	164		
80	41	27	3			1		4	1	2	1		22	7			1		1	1	1	2		5		
81	164	77	53	4	2	5	10		3		2	3	5	56	59	5	4	4		3		2	1	28		
82																										
83	57	37	9		1	2	4	1		2		1	21	19		1	3	4	1			1		7		
84	14	4	5				2		1		2		2	7			1	2		1						
85	30	27	2										20	3			2					3	1			
	5	3	1				1						2	1				1						1		
Totals of circulatory system.....	1,688	789	427	49	15	47	157	8	44	4	83	42	23	430	608	50	35	50	11	9	44	5	95	36	11	

Table XXX.—Deaths by Nativity and Mother Nativity.—Continued.

Classification Number.	CAUSES OF DEATH.	NATIVITY.													MOTHER NATIVITY.												
		Total.																									
		United States.	Ireland.	England and Wales.	Scotland.	Germany.	Canada.	Sweden and Norway.	Italy.	France.	Russia and Poland.	Other Countries.	Unknown.	United States.	Ireland.	England and Wales.	Scotland.	Germany.	Canada.	Sweden and Norway.	Italy.	France.	Russia and Poland.	Other Countries.	Unknown.		
VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ANNEXA.																											
119	Acute nephritis.....	58	31	10	1	15	7	2	1	1	4	2	7	11	23	1	18	20	53	9	2	1	7	3	1		
120	Bright's disease.....	747	372	166	27	15	75	17	9	1	22	17	7	188	283	27	18	20	53	14	11	21	17	95			
121	Chyluria.....																										
122	Other diseases of the kidneys and annexa.....	25	18		2		2	2	2		1			9	2	3			2	2	3	3		3			
123	Calculi of the urinary passages.....	7	4	1			2							2	2				2					1			
124	Diseases of the bladder.....	5	4				1							3	1			1									
125	Other diseases of the urethra (urinary abscess, etc.).	11	9				2	2						1	4	1	1	1	1					3			
126	Diseases of the prostate.....	46	25	11	1	1	5				3			19	11	1	1		5			3		6			
127	Nonvenereal diseases of the male genital organs.....	2					1	1										1	1								
128	Uterine hemorrhage (nonpuerperal).....																										
129	Uterine tumor (noncancerous).....	22	15	3		2	2							8	6			2	3			1		2			
130	Other diseases of the uterus.....	8	4	2	1						1			3	2	1								2			
131	Cysts and other tumors of the ovary.....	12	7	2	1		1				1			3	5	1			2			1		2			
132	Salpingitis and other diseases of the female genital organs.....	26	17			2	3		1		3			11	3			1	4		2	3		2			
133	Nonpuerperal diseases of the breast (cancer excepted).....																										
Totals of genito-urinary system.....		969	506	195	33	16	24	100	20	13	34	19	8	258	342	35	19	25	82	17	17	1	38	20	115		
VII. PUERPERAL STATE.																											
134	Accidents of pregnancy.....	17	10	2			3		1		1			4	5				4		1		1		2		
135	Puerperal hemorrhage.....	4	1	2										1	1									1			
136	Other accidents of labor.....	15	3	3	1		3		1	1	2	1		3	3	1			3		1	1	1	1	4		
137	Puerperal septicaemia.....	41	19	6	1		7	2	2		1	2	1	11	9	3	1		5	2	3		2	4	1		
138	Puerperal albuminuria and convulsions.....	27	11	6			4		1		4	1		6	9		1		4				4	1			

[illegible]

Table XXX.—Deaths by Nativity and Mother Nativity.—*Concluded.*

Classification Number.	CAUSES OF DEATH.	NATIVITY.														MOTHER NATIVITY.									
		Total.																							
		United States.	Ireland.	England and Wales.	Scotland.	Germany.	Canada.	Sweden and Norway.	Italy.	France.	Russia and Poland.	Other Countries.	Unknown.	United States.	Ireland.	England and Wales.	Scotland.	Germany.	Canada.	Sweden and Norway.	Italy.	France.	Russia and Poland.	Other Countries.	Unknown.
XIII. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.																									
155	Suicide by poison.....	29	16	2	..	..	4	1	1	..	2	1	3	11	3	..	..	..	4	1	..	3	1	6	3
156	Suicide by asphyxia.....	30	12	4	1	..	2	1	1	1	4	1	2	5	7	..	1	2	5	1	1	5	1	2	2
157	Suicide by hanging or strangulation.....	13	6	2	..	..	1	1	..	..	1	1	2	5	4	..	..	..	1	1	1	5	1	1	2
158	Suicide by drowning.....	14	6	1	1	..	1	1	1	..	2	1	2	4	2	1	..	..	1	1	1	2	1	2	2
159	Suicide by firearms.....	28	15	1	1	5	1	1	1	1	1	1	3	13	4	1	..	3	1	1	1	2	3	1	4
160	Suicide by cutting or piercing instruments.....	11	6	2	1	..	1	..	..	..	..	1	1	2	5	1	1	1	1	..	1	1	1	1	7
161	Suicide by jumping from a high place.....	3	3	..	..	..	..	..	..	..	..	..	1	2	..	..	..	1	1	..	..	1	1	1	1
162	Suicide by crushing.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
163	Other suicides.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
164	Poisoning by food.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
165	Other acute poisonings.....	18	13	2	1	..	..	..	..	..	..	1	2	6	6	..	..	..	2	..	..	1	1	3	3
166	Conflagration.....	15	5	4	2	1	1	3	..	..	..	1	1	4	4	1	..	1	1	1	1	1	1	1	6
167	Burns (conflagration excepted).....	70	50	6	2	3	..	..	4	3	2	3	2	16	14	1	2	2	1	12	9	4	4	4	5
168	Absorption of deleterious gases (conflagration excepted).....	30	11	5	1	1	1	1	1	1	6	..	3	7	7	1	1	1	1	1	1	7	5	5	5
169	Accidental drowning.....	58	26	4	2	1	4	..	2	3	1	3	15	12	12	2	1	1	5	1	2	2	1	20	20
170	Traumatism by firearms.....	4	2	1	..	..	..	..	1	..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
171	Traumatism by cutting or piercing instruments.....	5	1	1	..	..	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
172	Traumatism by fall.....	178	81	36	9	5	2	25	5	10	1	4	4	30	66	8	8	5	3	19	8	11	3	25	25
173	Traumatism in mines and quarries.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
174	Traumatism by machines.....	13	4	4	..	2	1	2	1	2	..	..	..	4	4	..	..	..	1	1	2	..	1	1	1
175	Traumatism by other crushing (vehicles, railroad, landslides, etc.).....	150	74	33	3	1	14	2	14	4	2	3	3	33	52	4	4	..	2	14	3	16	8	14	14
176	Injuries by animals.....	3	2	1	..	..	..	..	..	..	..	..	1	1	1	1	..	..	1	1	1	1	1	1	1
177	Starvation.....	3	2	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..	..	..	..	..	..	..

178	Excessive cold.....	218	64	91	9	5	11	4	2	2	3	2	25	24	106	9	1	5	11	4	3	2	4	5	44		
179	Effects of heat.....	2	2	6	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2		
180	Lightning.....	9	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2		
181	Electricity (lightning excepted).....	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2		
182	Homicide by firearms.....	19	12	2	1	1	3	1	1	1	1	1	1	8	6	1	1	2	2	1	1	1	1	1	3		
183	Homicide by cutting or piercing instruments.....	15	3	7	1	1	1	1	1	1	1	1	1	2	8	1	1	1	1	1	1	1	1	1	2		
184	Homicide by other means.....	43	28	1	1	1	1	1	2	6	1	4	8	8	12	4	4	4	3	8	2	6	6	6	6		
185	Fractures (cause not specified).....	984	451	209	31	14	16	76	11	37	2	45	21	71	203	323	31	13	21	82	14	52	2	60	27		
186	Other external violence.....																								156		
Totals of affections by external causes,																											
XIV. ILL-DEFINED DISEASES.																											
187	Ill-defined organic disease.....	1	1	5	1	1	1	1	1	1	1	1	1	1	8	1	1	1	1	1	1	1	1	1	7		
188	Sudden death.....	19	6	1	2	1	1	1	1	1	1	1	1	7	20	8	4	2	2	1	1	4	1	4	8		
189	Cause of death not specified or ill-defined.....	50	38	1	1	1	1	1	1	1	1	1	1	7	7	7	7	7	7	7	7	7	7	7	7		
Totals of ill-defined diseases.....																											
Totals from all diseases.....																											

Table XXXI.—Deaths of Nonresidents and of Blacks by Cause, Deaths in Hospitals and Institutions by Cause, and Deaths by Contributing Cause.—*Continued.*

Classification Number.	CAUSES OF DEATH.	Deaths of Nonresidents.			Deaths of Blacks (Negroes or Mixed).			Deaths in Institutions and in Public and Private Hospitals.		Deaths where these Diseases Occur as Contributing Causes.	
		Males.	Females.	Deaths in Hospitals.	Males.	Females.	Deaths in Hospitals.	Males.	Females.	Males.	Females.
50	Diabetes.....	19	6	21	2	2	2	36	21	14	14
51	Exophthalmic goitre.....	1	1	1	1				3	1	1
52	Addison's disease.....	2	2	2				3	2		
53	Leuchemia.....	2	1	3				8	4		
54	Anemia, chlorosis.....	1	6	6				7	14	3	1
55	Other general diseases.....	1	1	1				5	3	5	9
56	Alcoholism (acute or chronic).....	14	3	8	2		2	70	16	103	22
57	Chronic lead poisoning.....							1		2	
58	Other chronic occupation poisonings.....										
59	Other chronic poisoning.....	1		1				2	2	2	
	Totals of general diseases.....	204	175	344	54	57	59	843	640	379	267
	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.										
60	Encephalitis.....	1	2	3				6	2	6	6
	1. Simple meningitis.....	2	1	3				11	8	35	28
	2. Cerebro-spinal meningitis (undefined).....	2	3	4				8	9	2	1
61	3. Cerebro-spinal fever.....	1		1				4	3		
62	Locomotor ataxia.....	1		1	1		1	4	1	11	3
63	Other diseases of the spinal cord.....		2	2	1			6	4	6	1
	(a) <i>Acute Anterior Poliomyelitis</i> *.....		1	1				1	1		
64	Cerebral hemorrhage, apoplexy.....	22	17	25	3	6	2	81	55	76	69
65	Softening of the brain.....	1		1							1
66	Locomotor ataxia.....	1		1	1	1		3	3	8	11
67	General paralysis of the insane.....	1	1	2				14	13	5	
68	Other forms of mental alienation.....		1	1				3	10	8	1
69	Epilepsy.....							2	1	6	3
70	Convulsions (nonpuerperal).....				1					1	1
71	Convulsions of infants.....	2		2	1			2		4	3
72	Chorea.....		1	1					1	1	1
73	Neuralgia and neuritis.....		2	2				1	4	5	8
74	Other diseases of the nervous system.....	10	4	14	1	1		16	13	2	7
75	Diseases of the eyes and their annexa.....		1	1				2	1	2	
76	Diseases of the ears.....	5	10	15	1	1		13	15	16	8
	Totals of nervous system, etc.....	49	45	78	5	10	6	176	143	195	152
	III. DISEASES OF THE CIRCULATORY SYSTEM.										
77	Pericarditis.....	2	2	4	1	1		6	6	11	15
78	Acute endocarditis.....	5	2	7				13	10	62	50
79	Organic diseases of the heart.....	55	43	52	12	15	10	160	147	238	245
80	Angina pectoris.....	3	1	2				2	1	13	6
81	Diseases of the arteries, atheroma, aneurism, etc.....	3	2	5	2	1	3	27	13	321	315
82	Embolism and thrombosis.....	5	6	8	1	1		11	13	29	40
83	Diseases of the veins (varices, hemorrhoids, phlebitis, etc.).....	1	1	2				5	3	3	7
84	Diseases of the lymphatic system (lymphangitis, etc.).....	3	1	4				7	6	8	9
85	Hemorrhage, other diseases of the circulatory system.....							1		11	7
	Totals of circulatory system.....	77	58	84	14	18	15	232	199	696	694

* Deaths under italicized heading are included in those of main heading.

Table XXXI.—Deaths of Nonresidents and of Blacks by Cause, Deaths in Hospitals and Institutions by Cause, and Deaths by Contributing Cause.—*Continued.*

Classification Number.	CAUSES OF DEATH.	Deaths of Nonresidents.			Deaths of Blacks (Negroes or Mixed).			Deaths in Institutions and in Public and Private Hospitals.		Deaths where these Diseases Occur as Contributing Causes.	
		Males.	Females.	Deaths in Hospitals.	Males.	Females.	Deaths in Hospitals.	Males.	Females.	Males.	Females.
IV. DISEASES OF THE RESPIRATORY SYSTEM.											
86	Diseases of the nasal fossæ.....									2	
87	Diseases of the larynx.....		1	1					1	6	
88	Diseases of the thyroid body.....		1	1					1		2
89	Acute bronchitis.....	1	1	1	3	3		3	3	29	38
90	Chronic bronchitis.....	1	1	2				3	5	41	62
91	Broncho-pneumonia.....	15	13	26	9	7	9	84	81	122	157
92	Pneumonia.....	49	22	60	14	12	11	221	128	187	166
93	Pleurisy.....	7	1	8	1		1	18	9	39	28
94	Pulmonary congestion, pulmonary apoplexy.....	2		2				6	2	73	98
95	Gangrene of the lung.....	1			1		1	2		1	2
96	Asthma.....					1		1	1	9	11
97	Pulmonary emphysema.....									7	5
98	Other diseases of the respiratory system (tuberculosis excepted).....									9	3
	Totals of respiratory system.....	76	40	101	28	23	22	342	231	525	572
V. DISEASES OF THE DIGESTIVE SYSTEM.											
99	Diseases of the mouth and annexa.....										1
100	Diseases of the pharynx.....	2	3	4	1		1	10	11	4	5
101	Diseases of the esophagus.....	1	1	2				2	1		
102	Ulcer of the stomach.....	5	4	9		1		16	9	2	1
103	Other diseases of the stomach (cancer excepted).....	1	2	3		1		3	3	10	34
104	Diarrhea and enteritis (under two years).....	44	38	80	9	9	6	212	185	35	27
105	Diarrhea and enteritis (two years and over).....	8	4	12		1		21	17	15	28
106	Ankylostomiasis.....										
107	Intestinal parasites.....										
108	Appendicitis and typhlitis.....	10	16	26	1	5	6	45	43	3	4
109	Hernia, intestinal obstruction.....	13	8	21	2	2	4	40	31	15	22
110	Other diseases of the intestine.....		1	1		1	1	1	5	10	10
111	Acute yellow atrophy of the liver.....	1		1				1			
112	Hydatid tumor of the liver.....		1	1					1		
113	Cirrhosis of the liver.....	5		4	2		1	23	10	25	13
	(a) Due to alcoholism*.....	1			1			14	7	25	3
114	Biliary calculi.....	3	10	12		1	1	9	15	1	8
115	Other diseases of the liver.....	4	3	7				12	9	7	7
116	Diseases of the spleen.....		1	1					1	1	
117	Simple peritonitis (nonpuerperal).....	3	4	5		1	1	7	8	57	60
118	Other diseases of the digestive system (cancer and tuberculosis excepted).....	1		1	1		1	7	4		2
	Totals of digestive system.....	101	96	190	16	22	22	409	353	185	222
VI. NONVENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND ANNEXA.											
119	Acute nephritis.....	3	1	4				18	9	17	21
120	Bright's disease.....	40	20	56	20	22	18	144	114	48	42
121	Chyluria.....										
122	Other diseases of the kidneys and annexa.....	6	3	8	2		2	13	6	8	13
123	Calculi of the urinary passage.....	2		2	1			4		1	5
124	Diseases of the bladder.....	1		1				2	1	23	1

*Deaths under italicized heading are included in those of main heading.

Table XXXI.—Deaths of Nonresidents and of Blacks by Cause, Deaths in Hospitals and Institutions by Cause, and Deaths by Contributing Cause.—*Continued.*

Classification Number.	CAUSES OF DEATH.	Deaths of Nonresidents.			Deaths of Blacks (Negroes or Mixed).			Deaths in Institutions and in Public and Private Hospitals.		Deaths where these Diseases Occur as Contributing Causes.	
		Males.	Females.	Deaths in Hospitals.	Males.	Females.	Deaths in Hospitals.	Males.	Females.	Males.	Females.
125	Other diseases of the urethra, urinary abscess, etc.	3	...	3	1	...	1	11	...	2	...
126	Diseases of the prostate	13	...	13	...	...	...	31	...	6	...
127	Nonvenereal diseases of the male genital organs.	...	...	...	...	...	...	2	...	3	...
128	Uterine hemorrhage (nonpuerperal)	...	10	10	...	4	4	...	20	...	4
129	Uterine tumor (noncancerous)	...	3	3	...	2	2	...	7	...	2
130	Other diseases of the uterus	...	6	6	...	1	1	...	11	...	3
131	Cysts and other tumors of the ovary	...	8	8	...	2	2	...	22	...	4
132	Salpingitis and other diseases of the female genital organs.	...	...	...	...	...	...	...	...	...	...
133	Nonpuerperal diseases of the breast (cancer excepted).	...	...	...	...	...	...	...	...	...	...
	Totals of genito-urinary system	68	51	114	24	31	29	225	190	108	95
	VII. PUERPERAL STATE.										
134	Accidents of pregnancy	...	3	3	...	1	1	...	9	...	9
135	Puerperal hemorrhage	...	2	2	...	1	1	...	3	...	2
136	Other accidents of labor	...	2	2	...	...	...	...	8	...	7
137	Puerperal septicemia	...	8	8	...	2	2	...	32	...	13
138	Puerperal albuminuria and convulsions.	...	6	6	...	...	...	...	20	...	1
139	Puerperal phlegmasia, alba dolens, embolus, sudden death.	...	...	...	...	...	...	...	1	...	...
140	Following childbirth (not otherwise defined).	...	...	...	...	1	...	...	...	...	5
141	Puerperal disease of the breast	...	...	...	...	...	...	...	...	...	...
	Totals of puerperal state	...	21	21	...	5	4	...	73	...	37
	VIII. DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.										
142	Gangrene	3	...	3	...	1	...	8	4	8	5
143	Furuncle	2	...	2	...	...	...	3	2	5	3
144	Acute abscess	3	...	3	1	...	1	12	13	8	8
145	Other diseases of the skin and annexa	3	...	3	...	1	...	11	3	5	4
	Totals of skin tissue	11	...	11	1	2	1	34	22	26	20
	IX. DISEASES OF THE BONES AND OF THE ORGANS OF LOCOMOTION.										
146	Diseases of the bones (tuberculosis excepted).	7	4	11	...	...	...	15	14	15	8
147	Diseases of the joints (tuberculosis and rheumatism excepted).	1	2	3	...	1	1	3	3	1	5
148	Amputations	...	...	...	...	...	...	...	...	...	...
149	Other diseases of the organs of locomotion.	...	...	...	...	...	...	...	...	...	...
	Totals of bones and organs of locomotion.	8	6	14	...	1	1	18	17	16	13
	X. MALFORMATIONS.										
150	Congenital malformations (stillbirths not included).	12	12	23	1	...	1	28	23	20	9

Table XXXI.—Deaths of Nonresidents and of Blacks by Cause, Deaths in Hospitals and Institutions by Cause, and Deaths by Contributing Cause.—*Concluded.*

Classification Number.	CAUSES OF DEATH.	Deaths of Nonresidents.			Deaths of Blacks (Negroes or Mixed).			Deaths in Institutions and in Public and Private Hospitals.		Deaths where these Diseases Occur as Contributing Causes.	
		Males.	Females.	Deaths in Hospitals.	Males.	Females.	Deaths in Hospitals.	Males.	Females.	Males.	Females.
XI. DISEASES OF EARLY INFANCY.											
151	Congenital debility, icterus and sclerema.	21	14	33	10	3	7	86	51	13	12
152	Other diseases peculiar to early infancy.	8	4	12	1	2	2	42	20	19	11
153	Lack of care.....										3
	Totals of early infancy.....	29	18	45	11	5	9	128	71	32	26
XII. OLD AGE.											
154	Senility.....							4	4	1	
XIII. AFFECTIONS PRODUCED BY EXTERNAL CAUSES.											
155	Suicide by poisoning.....	7	1	4				4	5		
156	Suicide by asphyxia.....	3	1					2			
157	Suicide by hanging or strangulation....	1		1	1			3			
158	Suicide by drowning.....	3			1						
159	Suicide by firearms.....	8		3				7	1		
160	Suicide by cutting or piercing instruments.				1			4	1		
161	Suicide by jumping from a high place....		1					2			
162	Suicide by crushing.....										
163	Other suicides.....										
164	Poisoning by food.....	2									
165	Other acute poisonings.....	2		2				10	2		1
166	Conflagration.....	1	1	2		4		5	2		
167	Burns (conflagration excepted).....	7	3	9	1		1	30	28		1
168	Absorption of deleterious gases (conflagration excepted).....	4	1	1	1		1	4	2	2	1
169	Accidental drowning.....	21	1		1			1		1	
170	Traumatism by firearms.....	1	1	2				2	1		
171	Traumatism by cutting or piercing instruments.	1		1				3		4	1
172	Traumatism by fall.....	32	2	29	1		1	105	32	22	17
173	Traumatism in mines and quarries.....										
174	Traumatism by machines.....	3		3				8			
175	Traumatism by other crushing (vehicles, railroad, landslides, etc.).	36	2	26	2		1	79	8	2	
176	Injuries by animals.....							2			
177	Starvation.....								1		
178	Excessive cold.....										
179	Effects of heat.....	10	2	9	3			86	7	53	62
180	Lightning.....										
181	Electricity (lightning excepted).....										
182	Homicide by firearms.....	3			5		2	3	1		
183	Homicide by cutting or piercing instruments.				1		1	1			
184	Homicide by other means.....	3	1	1		1	1	6	2		
185	Fracture (cause not specified).....	7		5	1		1	11		1	1
186	Other external violence.....	2	6	8	1		1	12	13	3	2
	Totals of affections by external causes,	155	23	106	20	5	10	390	106	88	86
XIV. ILL-DEFINED DISEASES.											
187	Ill-defined organic disease.....							1			
188	Sudden death.....	1		1				3			
189	Cause of death not specified or ill-defined.	6	7	7	1			8	8		
	Totals of ill-defined diseases.....	7	7	8	1			12	8		
	Totals from all causes.....	797	552	1,139	175	179	179	2,841	2,080	2,271	2,193

ANALYSIS OF A FEW OF THE CONTRIBUTING CAUSES OF DEATH.

Contributory Causes of Death.	The Causes of Death with which Those Contributing Causes were Associated and the Number of Times such Combinations Occurred.
Measles.....	Diphtheria, 4; scarlet fever, 3; whooping cough, 1; diseases of the pharynx, 1; appendicitis and typhlitis, 1; diseases of the bones, 1; total, 11.
Whooping cough.....	Diarrhea and enteritis under two years, 5; measles, 3; diphtheria, 2; simple meningitis, 2; tuberculous meningitis, 1; Pott's disease, 1; Bright's disease, 1; total, 15.
Scarlet fever.....	Measles, 1; whooping cough, 1; diphtheria, 1; total, 3.
Diphtheria.....	Scarlet fever, 5; diarrhea and enteritis under two years, 4; tuberculosis, 2; erysipelas, 1; acute anterior poliomyelitis, 1; pneumonia, 1; gangrene, 1; congenital debility, 1; effects of heat, 1; total, 17.
Influenza.....	Organic diseases of the heart, 6; Bright's disease, 4; tuberculosis, 1; diabetes, 1; cerebral hemorrhage, apoplexy, 1; pneumonia, 1; total, 14.
Alcoholism.....	Effects of heat, 39; pneumonia, 14; organic diseases of the heart, 12; traumatism by fall, 11; tuberculosis, 7; cerebral hemorrhage, apoplexy, 6; Bright's disease, 5; traumatism by other crushing (vehicles, railroads, etc.), 4; other external violence, 4; suicide by asphyxia, 3; broncho-pneumonia, 2; other diseases of the stomach, cancer excepted, 2; cirrhosis of the liver, 2; other acute poisonings, 2; homicide by other means, 2; purulent infection and septicemia, 1; cancer and other malignant tumors of the stomach and liver, 1; encephalitis, 1; neuralgia and neuritis, 1; embolism and thrombosis, 1; suicide by jumping from a high place, 1; burns, conflagration excepted, 1; accidental drowning, 1; injuries by animals, 1; starvation, 1; total, 125.
Diarrhea and enteritis under two years.....	Broncho-pneumonia, 11; congenital debility, etc., 8; pneumonia, 6; whooping cough, 4; diphtheria, 4; simple meningitis, 4; other diseases of the kidneys and annexa, 4; syphilis, 3; acute bronchitis, 3; measles, 2; scarlet fever, 2; dysentery, 2; tuberculous meningitis, 2; chicken-pox, 1; rickets, 1; empyema, 1; hernia and intestinal obstruction, 1; other diseases of the skin and annexa, 1; congenital malformations, 1; effects of heat, 1; total, 62.
Diarrhea and enteritis over two years.....	Organic diseases of the heart, 9; pneumonia, 4; cerebral hemorrhage, apoplexy, 4; arterio-sclerosis, 3; broncho-pneumonia, 2; anemia, chlorosis, 2; simple peritonitis, 2; Bright's disease, 2; scarlet fever, 1; whooping cough, 1; dysentery, 1; tuberculosis, 1; cancer of intestine, 1; cancer of breast, 1; diabetes, 1; other general diseases, 1; general paralysis of the insane, 1; other forms of mental alienation, 1; other diseases of the nervous system, 1; other diseases of the stomach, cancer excepted, 1; appendicitis and typhlitis, 1; hernia, intestinal obstruction, 1; cirrhosis of the liver, 1; total, 43.
Pulmonary tuberculosis.....	Diphtheria, 2; acute miliary tuberculosis, 1; syphilis, 1; cancer and other malignant tumors of the stomach and liver, 1; cancer and other malignant tumors of the breast, 1; alcoholism, 1; other chronic poisonings, 1; puerperal septicemia, 1; suicide by asphyxia, 1; total, 10.

DEATHS IN AMERICAN AND FOREIGN CITIES.

The Board of Health will be glad to be informed of any errors that may be discovered in any of the following tables:

Table XXXII.—Boston.

YEARS.	Population.	Total Deaths (not includ- ing still- borns).	Deaths of Chil- dren under 5 years of age.	Deaths from Diphtheria and Croup.	Deaths from Scarlatina.	Deaths from Typhoid Fever.	Deaths from Measles.
1880.....	362,839	8,531	3,349	774	33	154	49
1881.....	368,932	9,016	3,314	802	35	207	108
1882.....	374,556	8,995	3,151	575	75	212	25
1883.....	380,181	9,740	3,627	608	211	198	152
1884.....	385,806	9,622	3,570	487	209	216	13
1885.....	392,297	9,618	3,466	450	156	152	84
1886.....	403,721	9,268	3,186	423	81	135	36
1887.....	415,145	10,073	3,662	410	195	183	119
1888.....	426,569	10,197	3,509	589	65	170	27
1889.....	437,994	10,259	3,633	683	23	186	48
1890.....	449,298	10,181	3,349	462	42	155	19
1891.....	459,150	10,571	3,608	285	64	154	21
1892.....	469,002	11,236	3,735	481	262	137	19
1893.....	478,854	11,710	3,987	546	248	148	27
1894.....	488,706	11,520	4,108	878	192	141	8
1895.....	499,017	11,329	3,935	654	114	163	19
1896.....	511,602	11,634	4,055	572	121	162	27
1897.....	524,187	11,154	3,708	456	136	173	21
1898.....	536,772	10,886	3,577	185	33	185	27
1899.....	549,357	11,167	3,591	304	74	165	33
1900.....	561,477	11,678	3,752	537	181	143	88
1901.....	568,763	11,300	3,469	353	210	142	103
1902.....	576,049	10,983	3,367	225	87	139	66
1903.....	583,335	10,632	3,079	214	65	119	50
1904.....	590,621	10,757	3,105	206	39	135	89
1905.....	597,908	11,007	3,024	132	44	117	54
1906.....	613,075	11,411	3,439	152	39	122	61
1907.....	628,242	11,686	3,160	144	49	64	29
1908.....	643,409	11,776	3,894	204	104	159	151
1909.....	658,576	11,064	3,029	193	82	91	73
1910.....	673,745	11,574	3,120	158	59	78	96
1911.....	688,912	11,767	3,123	124	74	63	74

NOTE.—Population since 1880 estimated by the arithmetical method used by United States Census Bureau. See Census Bulletin 108, page 9.

Census population, June 1, 1900, 560,892; census population, May 1, 1905, 595,380; census population, April 15, 1910, 670,585.

Table XXXIII.— (Old City of) New York, N. Y.

YEARS.	Population.	Total Deaths (not including still- borns).	Deaths of Chil- dren under 5 years of age.	Deaths from Diphtheria and Croup.	Deaths from Scarlatina.	Deaths from Typhoid Fever.	Deaths from Measles.
1880.....	1,209,196	31,937	14,650	2,300	618	372	479
1881.....	1,244,511	38,624	17,737	3,287	1,964	594	429
1882.....	1,280,857	37,924	17,520	2,254	2,066	516	913
1883.....	1,318,264	34,011	13,856	1,653	744	625	716
1884.....	1,356,764	35,034	15,272	1,838	608	476	762
1885.....	1,396,388	35,682	15,267	2,180	559	405	736
1886.....	1,437,170	37,351	16,121	2,695	371	433	668
1887.....	1,479,143	38,933	16,766	3,056	589	421	767
1888.....	1,522,341	40,175	17,358	2,553	1,361	364	591
1889.....	1,566,801	39,679	17,152	2,291	1,242	397	470
1890.....	1,612,559	40,103	16,305	1,783	408	352	730
1891.....	1,659,654	43,659	18,224	1,970	1,220	384	663
1892.....	1,708,124	44,329	18,684	2,106	977	400	864
1893.....	1,758,010	44,486	17,865	2,558	551	381	393
1894.....	1,809,353	41,175	17,558	2,872	541	326	584
1895.....	1,873,201	43,420	18,221	1,976	468	322	793
1896.....	1,906,139	41,622	16,807	1,763	402	297	714
1897.....	1,940,553	38,877	15,395	1,590	500	299	391
1898.....	1,976,572	40,438	15,591	923	523	376	446
1899.....	2,014,330	39,911	14,391	1,085	332	294	379
1900.....	2,055,999	43,227	15,648	1,276	315	372	470
1901.....	2,121,029	43,304	14,809	1,227	635	412	272
1902.....	2,186,060	41,704	15,017	1,142	635	399	462
1903.....	2,251,091	41,776	13,741	1,232	465	350	321
1904.....	2,316,122	48,743	16,136	1,272	534	309	556
1905.....	2,381,153	45,199	15,287	860	271	310	314
1906.....	2,460,743	46,108	15,534	1,183	212	369	662
1907.....	2,540,333	47,698	15,645	1,015	421	420	430
1908.....	2,619,923	44,061	14,910	1,097	801	291	642
1909.....	2,699,514	44,387	14,940	1,065	408	325	446
1910.....	2,779,104	45,628	14,673	1,034	523	310	327
1911.....	2,858,694	45,324	13,864	801	416	295	491

NOTE.— Population since 1899 estimated by the arithmetical method used by the Census Bureau. See Census Bulletin 108, page 9.

Census population, June 1, 1900, 2,050,600; census population, June 1, 1905, 2,384,326; census population, April 15, 1910, 2,762,522.

Table XXXIV.—Philadelphia, Pa.

YEARS.	Population.	Total Deaths (not includ- ing still- borns).	Deaths of Chil- dren under 5 years of age.	Deaths from Diphtheria and Croup.	Deaths from Scarlatina.	Deaths from Typhoid Fever.	Deaths from Measles.
1880.....	846,980	17,711	6,594	626	291	498	108
1881.....	868,000	19,515	7,124	774	486	645	17
1882.....	886,539	20,059	7,254	1,399	310	650	91
1883.....	907,041	20,076	7,417	1,506	561	579	58
1884.....	927,995	19,999	7,606	1,269	540	662	96
1885.....	949,432	21,392	8,188	1,353	375	610	131
1886.....	971,363	20,005	7,351	1,061	248	618	19
1887.....	993,801	21,719	8,421	858	159	621	358
1888.....	1,016,758	20,372	7,269	623	235	785	24
1889.....	1,040,245	20,536	7,752	727	298	736	92
1890.....	1,046,964	21,732	7,913	943	189	666	105
1891.....	1,069,264	23,367	8,479	1,362	341	683	27
1892.....	1,092,168	24,305	9,198	1,707	485	440	74
1893.....	1,115,562	23,655	8,690	1,159	267	456	88
1894.....	1,139,457	22,680	8,431	1,396	153	370	132
1895.....	1,163,864	23,797	8,401	1,349	79	469	84
1896.....	1,188,793	23,982	8,661	1,155	61	402	191
1897.....	1,214,256	22,735	7,605	1,474	282	401	64
1898.....	1,240,266	23,790	7,998	1,154	114	639	234
1899.....	1,266,832	23,796	7,056	994	132	948	7
1900.....	1,295,852	25,078	8,078	1,042	163	449	382
1901.....	1,321,706	24,137	6,840	643	220	444	26
1902.....	1,347,560	23,847	6,922	515	143	588	112
1903.....	1,373,414	25,947	7,078	608	189	957	141
1904.....	1,399,268	25,971	7,372	541	201	744	220
1905.....	1,425,122	24,807	6,978	452	59	684	53
1906.....	1,450,976	27,372	8,525	546	56	1,063	344
1907.....	1,476,830	27,462	7,670	509	100	890	65
1908.....	1,502,684	26,304	7,750	498	181	533	232
1909.....	1,528,540	24,815	6,993	512	133	331	229
1910.....	1,554,394	26,879	7,659	492	135	270	148
1911.....	1,580,248	26,092	6,926	498	179	223	305

NOTE.—Population since 1899 estimated by the arithmetical method used by the census Bureau. See Census Bulletin 108, page 9.

Census population, June 1, 1900, 1,293,697; census population, April 15, 1910, 1,549,008.

Table XXXV.—Chicago, Ill.

YEARS.	Population.	Total Deaths (not includ- ing still- borns).	Deaths of Chil- dren under 5 years of age.	Deaths from Diphtheria and Croup.	Deaths from Scarlatina.	Deaths from Typhoid Fever.	Deaths from Measles.
1885.....	665,000	12,474	6,187	1,012	279	496	76
1886.....	704,000	13,699	6,763	1,303	220	483	126
1887.....	760,000	15,409	7,568	1,405	190	381	341
1888.....	830,000	15,772	7,533	1,297	184	375	151
1889.....	965,000	16,946	8,204	1,509	185	453	204
1890.....	1,099,850	21,869	9,954	1,261	193	1,008	67
1891.....	1,159,722	27,754	12,801	1,358	499	1,997	265
1892.....	1,219,595	26,219	11,662	1,548	382	1,489	185
1893.....	1,279,467	27,083	12,202	1,467	329	670	234
1894.....	1,339,340	23,892	11,016	1,406	190	492	182
1895.....	1,399,212	24,219	10,452	1,632	77	518	156
1896.....	1,459,085	23,257	9,718	1,098	54	751	73
1897.....	1,518,957	21,809	8,456	774	81	437	139
1898.....	1,578,830	22,793	8,135	680	67	636	55
1899.....	1,638,702	25,503	8,880	917	533	442	168
1900.....	1,702,682	24,941	8,283	840	226	337	194
1901.....	1,751,968	24,406	7,488	515	165	509	158
1902.....	1,801,255	26,455	8,027	627	445	801	123
1903.....	1,850,542	28,914	8,277	637	296	588	276
1904.....	1,899,829	26,311	7,072	409	143	373	47
1905.....	1,949,116	27,212	8,512	433	79	329	231
1906.....	1,998,403	29,048	8,792	554	493	370	128
1907.....	2,047,690	32,143	10,077	536	715	376	258
1908.....	2,096,977	30,548	9,676	568	398	338	174
1909.....	2,146,263	31,296	9,360	680	369	271	165
1910.....	2,195,551	33,241	10,137	834	381	307	177
1911.....	2,244,835	32,672	9,188	878	476	242	129

NOTE.—Population since 1899 estimated from 1910 census, etc., by the arithmetical method used by the Census Bureau. See Census Bulletin 108, page 9.

Census population, June 1, 1900, 1,698,575; census population, April 15, 1910, 2,185,283.

Table XXXVI.—Brooklyn, N. Y.

YEARS.	Population.	Total Deaths (not includ- ing still- borns).	Deaths of Chil- dren under 5 years of age.	Deaths from Diphtheria and Croup.	Deaths from Scarlatina.	Deaths from Typhoid Fever.	Deaths from Measles.
1885.....	665,234	15,369	6,756	832	363	153	175
1886.....	695,648	15,790	7,000	1,185	340	123	106
1887.....	732,129	17,078	7,577	1,453	271	143	172
1888.....	756,727	16,061	8,019	1,285	475	153	59
1889.....	782,205	18,480	8,265	1,467	273	161	205
1890.....	806,343	19,827	8,462	1,283	227	182	182
1891.....	833,133	21,349	9,388	1,180	485	180	203
1892.....	858,772	20,807	8,971	1,137	412	162	168
1893.....	885,201	21,017	8,763	878	.....	179	111
1894.....	952,344	21,183	9,235	1,660	188	159	204
1895.....	984,390	22,568	9,277	1,454	124	173	192
1896.....	1,023,769	22,501	9,006	1,310	150	163	333
1897.....	1,058,478	20,674	8,252	998	187	173	190
1898.....	1,094,365	21,989	8,414	745	159	270	194
1899.....	1,131,467	21,649	8,072	744	175	205	197
1900.....	1,169,707	23,507	8,776	863	130	301	310
1901.....	1,207,741	23,271	8,151	732	495	272	162
1902.....	1,245,775	22,344	7,983	762	275	322	239
1903.....	1,283,809	22,192	7,068	830	244	267	167
1904.....	1,321,844	24,831	8,042	706	282	303	333
1905.....	1,359,879	23,935	7,794	594	182	297	193
1906.....	1,417,160	25,024	8,547	793	258	230	446
1907.....	1,474,441	26,043	8,392	603	321	271	288
1908.....	1,531,722	23,938	7,626	549	477	206	307
1909.....	1,589,004	24,365	7,885	556	326	191	509
1910.....	1,646,285	25,676	7,947	558	385	198	422
1911.....	1,703,566	24,511	6,963	395	295	211	128

NOTE.—Population since 1899 estimated from 1910 census, etc., by the arithmetical method used by the Census Bureau. See Census Bulletin 108, page 9.

Census population, June 1, 1900, 1,166,582; census population, June 1, 1905, 1,355,106; census population, April 15, 1910, 1,634,351.

Table XXXVII.—St. Louis.

YEARS.	Population.	Total Deaths (not including still- borns).	Deaths of chil- dren under 5 years of age.	Deaths from Diphtheria and Croup.	Deaths from Scarlatina.	Deaths from Typhoid Fever.	Deaths from Measles.
1885.....	400,000	7,490	3,090	501	164	125	54
1886.....	400,000	8,268	3,434	879	149	124	6
1887.....	420,000	9,155	3,795	1,112	48	116	40
1888.....	440,000	9,015	3,659	731	30	130	31
1889.....	450,000	8,004	3,149	439	114	146	63
1890.....	451,770	8,409	3,115	244	87	140	1
1891.....	480,000	9,530	3,493	340	96	165	53
1892.....	500,000	10,225	3,607	286	150	441	7
1893.....	520,000	10,303	3,548	371	79	215	26
1894.....	540,000	8,710	3,192	379	29	171	3
1895.....	560,000	9,425	3,373	683	18	107	38
1896.....	570,000	9,897	3,326	273	11	108	17
1897.....	600,000	9,554	2,799	240	19	123	1
1898.....	623,000	8,908	3,358	303	28	95	21
1899.....	640,000	10,023	3,005	192	34	131	15
1900.....	576,181	9,849	2,648	408	57	148	45
1901.....	587,501	10,601	2,748	259	69	176	34
1902.....	598,821	10,353	2,671	160	132	222	10
1903.....	610,141	11,145	2,842	162	89	288	140
1904.....	621,461	11,506	2,443	136	64	225	33
1905.....	632,782	10,342	2,196	111	13	122	52
1906.....	644,103	9,920	2,304	105	18	111	10
1907.....	655,424	10,326	2,409	83	24	102	77
1908.....	666,745	9,796	2,224	128	36	94	7
1909.....	678,066	10,740	2,498	172	87	101	106
1910.....	689,387	10,831	2,401	109	174	85	46
1911.....	700,708	10,766	2,348	125	188	108	110

NOTE.—Population since 1899 estimated from 1910 census, etc., by the arithmetical method used by the Census Bureau.

Census population, June 1, 1900, 575,238; census population, April 15, 1910, 687,029.

Table XXXVIII.— London, England.

YEARS.	Population.	Total Deaths (not includ- ing still- borns).	Deaths of Chil- dren under 5 years of age.	Deaths from Diphtheria and Croup.	Deaths from Scarlatina.	Deaths from Typhoid Fever.	Deaths from Measles.
1885.....	4,083,928	80,316	32,988	1,594	722	597	2,909
1886.....	4,149,533	82,545	34,426	1,381	690	618	2,086
1887.....	4,215,192	82,304	35,236	1,579	1,419	612	2,904
1888.....	4,282,921	79,099	32,669	1,812	1,190	694	2,425
1889.....	4,351,738	76,026	30,469	2,074	771	538	2,308
1890.....	4,180,021	87,689	35,494	1,887	823	604	3,231
1891.....	*4,228,317	89,122	33,401	1,772	591	557	1,807
1892.....	4,264,076	86,833	34,723	2,175	1,089	434	3,413
1893.....	4,306,411	89,707	34,995	3,478	1,415	690	1,652
1894.....	4,349,166	75,635	31,391	2,868	843	630	3,291
1895.....	4,381,119	85,601	35,159	2,485	734	629	2,688
1896.....	*4,429,529	80,840	35,106	2,800	843	574	3,662
1897.....	4,463,169	79,613	32,228	2,348	703	579	1,907
1898.....	4,504,766	82,609	34,248	1,842	530	587	3,071
1899.....	4,546,752	88,063	33,020	2,040	361	801	2,132
1900.....	4,510,128	84,534	31,138	1,646	329	767	1,946
1901.....	*4,536,429	78,224	29,125	1,332	511	528	1,967
1902.....	4,579,110	77,829	27,919	1,144	507	552	2,315
1903.....	4,613,812	70,281	25,713	749	321	363	2,056
1904.....	4,648,950	75,558	27,902	728	307	283	2,278
1905.....	4,684,794	70,962	24,727	546	460	239	1,712
1906 ¹	4,721,217	73,990	25,300	726	533	275	1,918
1907 ¹	4,758,218	72,127	22,839	812	645	203	1,801
1908 ²	4,795,757	70,380	21,505	750	548	243	1,539
1909 [†]	4,833,938	67,632	.....	613	383	146	2,324
1910 [‡]	4,522,831	61,756	18,355	440	214	196	1,980
1911.....	4,521,301	67,826	22,244	628	172	144	2,570

* Census.

¹ Deaths for 52 weeks.² Deaths for 53 weeks.

NOTE.— For all deaths previous to 1906 the above table gives the corrected figures found in the Annual Reports of the Registrar General.

† These figures for 1909 have been "fully corrected on account of those (deaths) occurring in public institutions" and, therefore, should not be compared with the figures of American cities where no corrections are made.

‡ Deaths have been corrected for nonresidents.

Table XXXIX.—Paris, France.

YEARS.	Population.	Total Deaths (not includ- ing still- borns).	Deaths of Chil- dren under 5 years of age.	Deaths from Diphtheria and Group.	Deaths from Scarlatina.	Deaths from Typhoid Fever.	Deaths from Measles.
1880.....	2,189,703	57,466	17,970	2,153	356	2,120	986
1881.....	*2,239,928	57,066	17,448	2,326	447	2,121	925
1882.....	2,244,131	58,702	17,411	2,390	158	3,352	1,018
1883.....	2,248,334	56,707	17,147	1,953	90	2,046	1,067
1884.....	2,252,537	56,970	17,305	2,091	160	1,619	1,533
1885.....	2,256,741	54,616	15,566	1,786	198	1,412	1,564
1886.....	*2,260,945	57,092	16,914	1,661	416	1,035	1,255
1887.....	2,293,697	54,847	15,617	1,769	232	1,496	1,674
1888.....	2,326,449	53,303	14,909	1,953	206	847	958
1889.....	2,359,201	56,059	15,047	1,890	173	1,114	1,220
1890.....	2,391,953	56,660	15,553	1,859	228	723	1,532
1891.....	*2,424,705	54,443	14,048	1,531	208	549	1,020
1892.....	2,442,089	57,137	14,800	1,557	164	799	919
1893.....	2,459,474	55,469	13,555	1,465	182	649	701
1894.....	2,476,859	51,653	12,385	1,176	164	773	1,020
1895.....	2,494,244	54,266	12,923	517	188	314	712
1896.....	*2,511,629	50,509	10,835	527	178	291	695
1897.....	2,541,415	49,781	11,052	354	69	277	849
1898.....	2,571,201	52,567	12,286	312	147	306	912
1899.....	2,600,987	53,932	11,433	390	227	899	975
1900.....	2,630,773	55,392	11,235	346	197	1,013	908
1901.....	*2,660,559	53,449	11,024	874	133	421	561
1902.....	2,672,993	53,173	11,234	866	154	420	751
1903.....	2,685,427	50,792	9,711	483	173	369	489
1904.....	2,697,861	51,968	10,219	334	80	414	651
1905.....	2,710,295	52,206	9,605	251	48	303	477
1906.....	*2,722,731	52,483	9,520	214	97	368	647
1907.....	2,735,165	.....	.....	.....	.....	.....	.....
1908.....	2,747,599	53,541	8,148	197	226	227	507
1909.....	2,760,033	53,726	7,721	258	157	260	498
1910.....	2,822,135	45,814	8,059	288	75	188	737
1911.....	2,847,229	48,942	9,593	275	111	371	808

* Census.

Table XL.—Vienna, Austria.

YEARS.	Population.	Total Deaths (not including still- borns).	Deaths of Chil- dren under 5 years of age.	Deaths from Diphtheria and Croup.	Deaths from Scarlatina.	Deaths from Typhoid Fever.	Deaths from Measles.
1880.....	721,016	20,453	8,219	597	172	171	98
1881.....	741,208	21,549	8,224	539	286	171	106
1882.....	749,919	21,595	8,903	522	410	187	203
1883.....	750,762	21,194	7,930	360	150	157	246
1884.....	759,849	20,353	7,688	342	130	95	344
1885.....	769,889	21,976	8,668	464	83	106	289
1886.....	780,066	20,869	8,114	546	124	85	338
1887.....	790,381	20,549	7,912	455	391	80	493
1888.....	800,836	20,349	7,547	521	230	107	253
1889.....	811,434	20,106	7,624	513	139	103	364
1890.....	822,176	20,324	7,853	536	92	77	459
1891.....	1,378,530	34,479	15,610	1,311	271	85	855
1892.....	1,406,933	35,134	15,834	1,580	242	116	825
1893.....	1,435,931	34,515	15,002	1,615	311	105	1,225
1894.....	1,465,637	33,994	15,073	1,679	413	74	898
1895.....	1,495,764	34,879	15,021	710	437	86	754
1896.....	1,526,623	34,132	14,684	621	436	79	930
1897.....	1,551,129	33,187	13,946	575	236	84	857
1898.....	1,590,295	32,356	13,593	520	227	93	794
1899.....	1,623,134	33,952	13,599	489	266	67	725
1900.....	1,656,662	34,303	13,650	306	168	137	741
1901.....	1,691,996	33,502	12,476	387	367	76	634
1902.....	1,726,604	33,857	13,399	438	277	51	769
1903.....	1,744,177	32,818	12,171	424	117	69	383
1904.....	1,797,992	32,931	12,270	386	65	60	1,021
1905.....	1,897,630	36,671	13,282	449	180	84	585
1906.....	1,937,869	33,973	12,023	456	256	95	594
1907.....	1,979,003	34,188	11,123	340	233	52	605
1908.....	2,021,052	35,511	11,970	339	261	86	928
1909.....	1,980,538	34,672	10,964	334	359	60	517
1910.....	2,031,498	33,311	10,181	279	197	82	687
1911.....	2,047,968	36,684	8,911	339	236	116	1,040

Table XLI.—Glasgow, Scotland.

YEARS.	Population.	Total Deaths (not including still- borns).	Deaths of Chil- dren under 5 years of age.	Deaths from Diphtheria and Croup.	Deaths from Scarlatina.	Deaths from Typhoid Fever.	Deaths from Measles.
1885.....	533,817	13,486	6,134	228	297	113	439
1886.....	539,231	13,104	5,589	211	359	89	91
1887.....	544,700	12,135	5,354	292	235	104	298
1888.....	550,226	11,681	4,751	275	170	68	211
1889.....	555,808	13,139	5,990	300	112	128	641
1890.....	561,447	13,374	5,771	204	127	119	640
1891 ¹	*659,193	14,324	5,430	195	210	143	439
1892.....	669,059	15,218	6,306	249	304	102	781
1893.....	677,883	15,797	6,946	305	261	120	865
1894.....	686,820	13,673	5,337	320	205	150	243
1895.....	695,876	16,344	6,458	185	180	121	331
1896.....	705,052	14,385	6,152	137	139	139	817
1897.....	714,919	15,726	6,748	144	133	169	575
1898.....	724,349	15,328	6,527	132	187	222	538
1899.....	733,903	15,827	6,196	123	202	178	548
1900.....	755,730	16,392	6,531	149	210	157	264
1901.....	*761,709	16,190	6,453	122	134	183	497
1902.....	775,601	15,530	5,426	105	109	104	265
1903.....	786,897	15,071	5,889	114	79	144	348
1904.....	798,357	15,413	5,993	106	70	82	331
1905 ¹	809,986	14,456	5,591	120	36	58	568
1906.....	835,625	14,889	5,447	147	48	90	394
1907.....	847,584	15,659	5,806	131	45	99	399
1908.....	859,715	15,265	6,012	156	90	72	830
1909.....	872,021	15,243	5,595	230	159	100	400
1910.....	783,785	13,395	4,673	202	148	56	535
1911.....	784,496	13,899	4,964	180	92	61	304

* Census.

¹ City boundaries extended.

Table XLII.—Liverpool, England.

YEARS.	Population.	Total Deaths (not including still- borns).	Deaths of Chil- dren under 5 years of age.	Deaths from Diphtheria and Croup.	Deaths from Scarlatina.	Deaths from Typhoid Fever.	Deaths from Measles.
1884	541,031	14,382	6,908	.....	197	112	611
1885	537,548	13,764	6,213	.....	190	95	716
1886	534,088	13,919	6,152	.....	277	140	273
1887	530,649	14,006	6,218	.....	321	130	661
1888	527,233	12,159	5,070	.....	187	125	331
1889	523,838	13,047	5,921	.....	352	167	485
1890	520,466	14,293	6,319	.....	577	99	535
1891	518,302	13,911	5,697	119	119	92	320
1892	519,590	12,671	5,322	109	131	111	456
1893	520,882	13,919	6,035	85	231	221	273
1894	522,178	12,073	5,214	127	232	248	299
1895	652,523	16,624	7,233	170	169	197	398
1896	658,050	14,476	6,064	202	217	166	312
1897	663,633	15,590	6,972	149	209	145	344
1898	669,243	15,380	6,489	164	145	148	283
1899	674,912	16,861	7,090	242	164	182	321
1900	680,628	16,393	6,417	183	113	120	150
1901	686,322	15,497	6,474	209	195	154	473
1902	710,337	15,994	6,377	241	318	190	334
1903	716,810	14,900	5,786	177	201	108	132
1904	723,430	16,524	7,826	214	149	82	696
1905	733,714	14,849	5,812	175	303	49	247
1906	739,180	15,745	6,786	153	193	85	586
1907	746,144	14,408	5,398	109	140	92	291
1908	753,203	14,663	5,568	136	217	73	259
1909	760,357	14,761	5,724	115	219	54	471
1910	743,295	13,917	5,485	112	179	42	474
1911	747,627	15,292	5,896	131	131	36	327

Table XLIII.—Berlin, Germany.

YEARS.	Population.	Total Deaths (not includ- ing still- borns).	Deaths of Chil- dren under 5 years of age.	Deaths from Diphtheria and Croup.	Deaths from Scarlatina.	Deaths from Typhoid Fever.	Deaths from Measles.
1885.....	1,315,665	31,483	16,828	2,007	409	250	406
1886.....	1,363,220	34,293	19,215	1,688	271	232	565
1887.....	1,414,969	30,333	15,777	1,404	257	230	223
1888.....	1,471,972	29,294	15,076	1,100	201	235	364
1889.....	1,528,681	34,460	18,394	.....	243	335	201
1890.....	1,578,516	33,393	17,630	1,586	298	177	471
1891.....	1,606,617	33,392	16,800	1,078	150	196	173
1892.....	1,622,477	32,696	16,319	1,405	314	170	305
1893.....	1,640,994	36,034	18,038	1,543	582	198	341
1894.....	1,656,074	30,961	14,649	1,431	443	94	344
1895.....	1,678,924	33,627	16,024	999	817	127	320
1896.....	1,721,855	30,578	13,443	569	388	111	219
1897.....	1,756,398	30,622	13,823	547	217	90	308
1898.....	1,803,211	30,574	13,595	664	268	98	264
1899.....	1,846,217	34,011	14,878	655	651	98	530
1900.....	1,888,313	35,411	15,499	563	613	127	514
1901.....	1,893,941	34,096	14,844	513	492	114	442
1902.....	1,911,628	30,740	11,728	226	272	62	373
1903.....	1,946,076	31,882	12,255	246	331	80	341
1904.....	1,988,742	33,425	12,793	357	425	79	420
1905.....	2,043,313	34,451	13,239	310	428	110	418
1906.....	2,064,677	32,648	11,820	355	285	97	511
1907.....	2,096,318	32,353	10,834	469	179	79	393
1908.....	2,102,727	.....	10,748	559	276	75	290
1909.....	2,049,763	31,844	9,798	676	627	90	410
1910.....	2,059,417	30,152	9,174	698	390	74	270
1911.....	2,071,940	32,306	9,927	880	405	67	195

DEATH RATES BASED UPON THE PRECEDING TABLES.

Table XLIV.—Death Rates per 1,000 of Population.

YEARS.	Boston, Mass.	New York, N. Y. (old city).	Philadelphia, Pa.	Chicago, Ill.	Brooklyn, N. Y.	St. Louis, Mo.	London, England.	Paris, France.	Vienna, Austria.	Glasgow, Scotland.	Liverpool, England.	Berlin, Germany.
1901.....	19.87	20.42	18.26	13.93	19.27	18.04	17.24	20.09	19.80	21.26	21.68	18.00
1902.....	19.07	19.08	17.70	14.69	17.94	17.29	17.00	19.89	19.61	20.02	21.67	16.08
1903.....	18.23	18.56	18.89	15.62	17.29	18.27	15.23	18.91	18.82	19.15	19.87	16.38
1904.....	18.21	21.05	18.56	13.85	18.79	18.51	16.25	19.26	18.32	19.31	21.91	16.81
1905.....	18.41	18.98	17.41	13.96	17.60	16.34	15.15	19.26	19.32	17.85	19.22	16.86
1906.....	18.61	18.74	18.86	14.50	17.66	15.40	15.67	19.28	17.53	17.82	20.29	15.81
1907.....	18.60	18.78	18.60	15.70	17.66	15.75	15.16	.....	17.27	18.47	18.33	15.43
1908.....	18.30	16.86	17.50	14.57	15.63	14.69	14.68	19.49	17.57	17.76	19.47	.....
1909.....	16.80	16.44	16.23	14.58	15.33	15.84	.....	19.47	17.51	17.44	19.46	15.54
1910.....	17.18	16.42	17.29	15.14	15.60	15.71	13.65	16.23	16.40	17.09	18.72	14.64
1911.....	17.06	15.85	16.51	14.55	14.39	15.36	15.00	17.19	17.91	17.72	20.45	15.59

Table XLV.—Birth Rates per 1,000 of Population.

YEARS.	Boston, Mass.	New York, N. Y. (old city).	Philadelphia, Pa.	Chicago, Ill.*	Brooklyn, N. Y.	St. Louis, Mo.	London, England.†	Paris, France.	Vienna, Austria.	Glasgow, Scotland.	Liverpool, England.†	Berlin, Germany.
1901.....	28.16	25.5	21.3	.....	18.4	18.2	29.0	21.3	29.9	31.7	32.1	26.7
1902.....	27.82	26.3	22.1	.....	18.9	19.9	28.5	20.8	30.2	31.9	34.2	25.8
1903.....	27.54	27.6	22.6	.....	21.3	19.5	28.4	19.9	26.2	31.9	33.4	24.7
1904.....	27.69	28.2	23.0	.....	21.8	19.3	27.9	19.6	28.3	31.0	33.7	24.5
1905.....	26.78	28.1	23.3	.....	22.8	19.2	27.1	18.8	25.8	30.0	33.3	24.4
1906.....	28.19	28.6	23.7	.....	24.4	20.9	26.7	18.8	26.2	29.4	32.7	24.9
1907.....	29.35	29.2	23.4	.....	26.2	22.2	25.8	20.3	24.8	28.3	31.8	24.1
1908.....	28.79	29.2	24.2	.....	27.4	23.7	25.4	18.5	23.7	27.8	31.7	.....
1909.....	26.92	27.1	24.3	.....	26.1	22.4	24.1	17.7	23.1	26.5	31.1	22.4
1910.....	26.33	27.8	24.5	.....	26.9	22.1	25.4	17.5	22.5	28.4	31.0	21.5
1911.....	26.07	27.6	.....	.....	26.8	.....	24.7	17.2	20.1	27.7	30.1	20.8

*Only about one-half of the births are recorded in Chicago.

† Fifty-two weeks.

‡ Entire year.

Table XLVI.—Deaths of Children Under Five Years per 1,000 of Population.

YEARS.	Boston, Mass.	New York, N. Y. (old city).	Philadelphia, Pa.	Chicago, Ill.	Brooklyn, N. Y.	St. Louis, Mo.	London, England.	Paris, France.	Vienna, Austria.	Glasgow, Scotland.	Liverpool, England.	Berlin, Germany.
1901.....	6.10	6.98	5.18	4.27	6.75	4.68	6.42	4.14	5.86	8.47	9.43	7.84
1902.....	5.84	6.87	5.14	4.46	6.41	4.46	5.10	4.20	7.76	7.00	8.98	6.14
1903.....	5.28	6.10	5.15	4.47	5.51	4.66	5.57	3.62	6.98	7.48	8.07	6.30
1904.....	5.26	6.97	5.27	3.72	6.08	3.93	6.00	3.79	6.82	7.51	10.82	6.43
1905.....	5.06	6.42	4.90	4.37	5.73	3.47	5.28	3.54	7.00	6.90	7.92	6.48
1906.....	5.61	6.31	5.88	4.40	6.03	3.58	5.36	3.50	6.20	6.52	9.18	5.65
1907.....	5.03	6.16	5.19	4.92	5.69	3.68	4.80	.....	5.62	6.85	7.23	5.17
1908.....	6.05	5.69	5.16	4.61	4.98	3.34	4.48	2.97	5.92	6.99	7.39	5.11
1909.....	4.60	5.53	4.57	4.36	4.96	3.68	.....	2.80	5.54	6.42	7.55	4.78
1910.....	4.63	5.28	4.93	4.62	4.83	3.48	4.06	2.86	5.01	5.96	7.38	4.45
1911.....	4.53	4.85	4.38	4.09	4.09	3.35	4.92	3.37	4.35	6.33	7.89	4.79

Table XLVII.—Number of Deaths from Diphtheria and Croup per 100,000 of Population.

YEARS.	Boston, Mass.	New York, N. Y. (old city).	Philadelphia, Pa.	Chicago, Ill.	Brooklyn, N. Y.	St. Louis, Mo.	London, England.	Paris, France.	Vienna, Austria.	Glasgow, Scotland.	Liverpool, England.	Berlin, Germany.
1901.....	62.06	57.85	48.65	29.40	60.61	44.09	29.36	32.85	22.87	16.02	30.45	27.09
1902.....	39.06	52.24	38.22	34.81	61.17	26.72	24.98	32.40	25.37	13.54	33.93	11.82
1903.....	36.69	54.73	44.27	34.42	64.65	26.55	16.23	17.99	24.31	14.49	24.69	12.64
1904.....	34.88	54.92	38.66	21.53	53.41	21.88	15.66	12.38	21.47	13.28	29.58	17.95
1905.....	22.08	36.12	31.72	22.22	43.68	17.54	11.65	9.26	23.66	14.81	23.85	15.17
1906.....	24.79	48.07	37.63	27.72	55.96	16.30	15.38	7.86	23.53	17.59	20.70	16.98
1907.....	22.92	39.96	34.47	26.18	40.90	12.66	17.07	.....	17.18	15.40	14.61	22.37
1908.....	31.71	41.87	33.14	26.90	35.84	19.20	15.64	7.17	16.77	18.15	18.06	26.53
1909.....	29.31	39.45	33.50	31.68	33.73	25.37	.....	9.35	16.86	26.38	15.16	32.98
1910.....	23.45	37.21	31.65	37.99	33.89	15.81	9.73	10.21	13.73	25.77	15.07	33.89
1911.....	18.00	28.02	31.51	39.11	23.19	17.84	13.89	9.66	16.55	22.94	17.52	42.47

Table XLVIII.—Number of Deaths from Scarlet Fever per 100,000 of Population.

YEARS.	Boston, Mass.	New York, N. Y. (old city).	Philadelphia, Pa.	Chicago, Ill.	Brooklyn, N. Y.	St. Louis, Mo.	London, England.	Paris, France.	Vienna, Austria.	Glasgow, Scotland.	Liverpool, England.	Berlin, Germany.
1901.....	36.92	29.94	16.65	9.42	40.99	11.74	11.26	5.00	21.69	17.59	28.41	25.98
1902.....	15.10	29.05	10.61	24.70	22.07	22.04	11.07	5.76	16.04	14.05	44.77	14.23
1903.....	11.14	20.66	13.76	16.00	19.01	14.59	6.96	6.44	6.71	10.04	28.04	17.01
1904.....	6.60	23.06	14.36	7.53	21.33	10.30	6.60	2.97	3.62	8.77	20.60	21.37
1905.....	7.36	11.38	4.14	4.05	13.38	2.05	9.81	1.77	9.49	4.45	41.30	20.95
1906.....	6.36	8.62	3.86	24.67	18.21	2.79	11.29	3.56	13.21	5.74	26.11	13.63
1907.....	7.80	16.57	6.77	34.92	21.77	3.66	13.56	.....	11.77	5.31	13.76	8.54
1908.....	16.16	30.57	12.05	18.98	31.14	5.40	11.43	8.23	12.91	10.47	28.81	13.13
1909.....	12.45	15.11	8.70	17.19	20.52	12.83	.....	5.69	18.13	18.23	28.87	30.59
1910.....	8.76	18.82	8.69	17.35	23.39	25.24	4.73	2.66	9.70	18.88	24.08	18.94
1911.....	10.74	14.55	11.33	21.20	17.32	26.83	3.80	3.90	11.52	11.73	17.52	19.55

Table XLIX.—Number of Deaths from Typhoid Fever per 100,000 of Population.

YEARS.	Boston, Mass.	New York, N. Y. (old city).	Philadelphia, Pa.	Chicago, Ill.	Brooklyn, N. Y.	St. Louis, Mo.	London, England.	Paris, France.	Vienna, Austria.	Glasgow, Scotland.	Liverpool, England.	Berlin, Germany.
1901.....	24.37	19.42	33.59	29.05	22.52	29.96	11.64	15.82	4.49	24.03	22.44	6.02
1902.....	24.13	18.25	43.63	44.47	25.85	37.07	12.05	15.71	2.95	13.41	26.75	3.24
1903.....	20.40	15.55	69.68	31.77	20.80	47.20	7.87	13.74	3.96	18.30	15.07	4.11
1904.....	22.86	13.34	53.17	19.63	22.92	36.21	6.09	15.35	3.34	10.27	11.33	3.97
1905.....	19.57	13.02	48.00	16.88	21.84	19.28	5.10	11.18	4.43	7.16	6.68	5.38
1906.....	19.90	15.00	73.26	18.51	16.23	17.23	5.83	13.52	4.90	10.77	11.50	4.64
1907.....	10.19	16.53	60.26	18.36	18.38	15.56	4.27	.....	2.63	11.68	12.33	3.77
1908.....	24.71	11.11	35.47	16.12	13.45	14.10	5.07	8.26	4.26	8.38	9.69	3.57
1909.....	13.82	12.04	21.65	12.63	12.02	14.90	.....	9.42	3.03	11.47	7.12	4.39
1910.....	11.58	11.15	17.37	13.98	12.03	12.33	4.33	6.66	4.04	7.14	5.65	3.59
1911.....	9.14	10.32	14.11	10.78	12.39	15.41	3.18	13.03	5.66	7.78	4.82	3.23

Table L.—Number of Deaths from Measles per 100,000 of Population.

YEARS.	Boston, Mass.	New York, N. Y. (old city).	Philadelphia, Pa.	Chicago, Ill.	Brooklyn, N. Y.	St. Louis, Mo.	London, England.	Paris, France.	Vienna, Austria.	Glasgow, Scotland.	Liverpool, England.	Berlin, Germany.
1901.....	18.11	12.82	1.97	9.02	13.41	5.79	43.36	21.09	37.47	65.25	68.92	23.34
1902.....	11.46	21.13	8.31	6.83	19.18	1.67	50.56	28.10	44.54	34.17	47.02	19.51
1903.....	8.57	14.26	10.27	14.91	13.01	22.95	44.56	18.21	21.96	44.22	18.41	17.52
1904.....	15.07	24.01	15.72	2.47	25.19	5.31	49.00	24.13	56.79	41.46	96.21	21.12
1905.....	9.03	13.19	3.72	11.85	14.19	8.22	36.54	17.60	30.83	70.13	33.66	20.46
1906.....	9.95	26.90	23.71	6.41	31.47	1.55	40.63	23.76	30.65	47.15	79.28	24.44
1907.....	4.62	16.93	4.40	12.60	19.53	11.75	37.85	.....	30.57	47.08	39.00	18.75
1908.....	23.47	24.50	15.44	8.30	20.04	1.05	32.09	18.45	45.92	96.54	34.39	13.79
1909.....	11.08	16.52	14.98	7.69	32.03	15.63	.....	18.04	26.10	45.87	62.09	20.00
1910.....	14.25	11.77	9.52	8.06	25.63	6.67	43.78	26.11	33.82	68.26	63.77	13.11
1911.....	10.74	17.18	19.30	5.75	7.51	15.70	56.84	28.38	50.78	38.75	43.74	9.41

Table LI.—Comparative Death Rates per 10,000 Inhabitants from Pulmonary Tuberculosis in some American and Foreign Cities for the Years 1901-11.

Years.	Boston, Mass.*	New York, N. Y. (old city).	Philadelphia, Pa.	Chicago, Ill.	Brooklyn, N. Y.	St. Louis, Mo.	London, England.	Paris, France.	Vienna, Austria.	Glasgow, Scotland.	Liverpool, England.	Berlin, Germany.
1901.....	23.67	24.67	22.29	14.24	20.53	19.20	18.18	43.24	36.23	18.55	18.97	21.85
1902.....	21.65	22.38	21.11	14.19	18.60	18.88	16.64	42.67	34.40	16.72	18.96	20.36
1903.....	21.03	23.38	22.23	15.50	18.66	18.46	15.92	38.93	34.14	15.82	17.55	19.17
1904.....	21.67	23.79	22.28	16.48	19.93	21.37	16.55	45.53	31.44	16.17	17.72	20.91
1905.....	20.47	23.85	19.91	16.43	17.80	20.15	14.53	42.10	33.32	13.94	15.93	20.90
1906.....	19.33	23.98	21.79	16.13	18.04	20.41	14.78	37.58	28.94	15.50	15.84	18.71
1907.....	18.11	23.74	21.38	16.97	17.46	16.92	13.98	.....	28.75	15.50	14.97	18.59
1908.....	17.00	22.64	20.40	15.95	16.22	*16.50	13.38	38.69	27.53	22.24	15.83	18.48
1909.....	16.28	*21.76	18.73	15.46	*15.17	*17.68	.....	*37.12	28.24	21.72	14.71	*18.51
1910.....	17.34	20.71	†21.25	†17.69	15.29	16.14	12.28	35.33	25.89	†21.80	14.42	†20.94
1911.....	15.05	20.27	†21.62	16.60	14.46	13.20	13.46	34.94	26.06	†20.89	17.56	†19.93

* Laryngeal and general tuberculosis included.

† All forms of tuberculosis.



ANNUAL REPORT
OF THE
HOSPITAL DEPARTMENT
FOR THE YEAR ENDING JANUARY 31, 1912.

REPORT OF THE TRUSTEES.

BOSTON, February 1, 1912.

HON. JOHN F. FITZGERALD,
Mayor of the City of Boston:

SIR,— In compliance with the ordinances, the Trustees of the Boston City Hospital present the following report of its condition for the year ending January 31, 1912. This is the forty-eighth annual report of the Hospital Department, which consists of the main hospital, the South Department for infectious diseases, the Haymarket Square Relief Station, the East Boston Relief Station and the Convalescent Home in Dorchester.

The Board of Trustees was organized on May 1, 1911, by the election of Mr. A. Shuman as president and Mr. Conrad J. Rueter as secretary.

In April, 1911, Mr. Joseph P. Manning was appointed a trustee for the term ending April 30, 1916, in place of Mr. Edmund D. Codman, whose term of service had expired.

EXPENDITURES.

The entire expenditures for all departments of the hospital for maintenance during the fiscal year were \$551,538.93. Of the amount spent for maintenance, \$359,365.04 was expended upon the hospital proper; \$22,289.05 on account of the nine Out-Patient Departments; \$107,095.75 on account of the South Department; \$33,682.93 on account of the Haymarket Square Relief Station; \$17,888.81 on account of the East Boston Relief Station; \$11,217.35 for the Convalescent Home. Of the total amount spent on the Pathological Laboratory, \$12,043.84, \$7,587.62 is included in the hospital proper expenditures, \$120.44 in the Out-Patient Department, \$4,215.34 in the South Department and \$120.44 in the Haymarket Square Relief Station expenditures. Of the total amount spent on the X-Ray Laboratory and Photographic Department, \$9,945.66, \$5,967.40 is charged to the hospital proper and \$3,978.26 to the Out-Patient Department. The total amount spent in determining the settlement of nonpaying patients, \$522.96, is divided evenly between the hospital proper and the South Department.

From the amount expended for the main hospital, including the South Department, \$466,460.79, there should be added the difference in the amount of stock on hand February 1, 1912, which was \$131 less than on January 31, 1911, making the total amount properly chargeable as the expenditures for maintenance of the main hospital for the year \$466,591.79. (See Table No. 2 in the superintendent's report.) This sum was expended for 37,564 weeks' board of patients, at a cost per capita of \$12.42, but if we deduct the money collected for paying patients, interest on trust funds and other income, the net cost to the city per capita per week was \$9.35. The cost of subsistence supplies was \$118,580.58; the total weeks' board for an average of 1,277 persons was 66,592. This gives a cost per person for uncooked food supplies of \$1.78 per week, or \$0.25 $\frac{3}{4}$ per day.

The work of fireproofing the older buildings of the hospital and the engine-room building, new wiring and new electrical machines, appropriations for which were granted in August, 1910, was practically completed before the close of the fiscal year. It is a source of gratification to the trustees that now there is a tunnel

connecting the various parts of the hospital with the power plant, so that repairs can be made on the steam pipes any time without tearing up the floor, and thereby interfering materially with the transaction of business in the hospital.

SPECIAL TRAINING FOR ORDERLIES.

During the past year a Training School for Male Nurses has been established, and the instruction has been practically that given in the Training School for Female Nurses. The trustees feel that this is a very great advance, and it is hoped that in the course of a few years the Boston City Hospital will be able to graduate a certain number of well trained, intelligent young men who intend to make nursing a profession. There is no doubt that the establishment of this school will be a very important factor in raising the standard of male nurses.

ENLARGEMENT OF THE MORTUARY.

On August 22, 1911, an appropriation of \$15,000 (increased November 14 to \$28,000) was granted for improving and enlarging the Mortuary, which has become necessary owing to the increase in the number of patients. The extremely warm weather of last July, when there were so many cases of sudden death due to heat prostration, and the fact that many of these bodies were unidentified, rendered it necessary that the Medical Examiner of the Southern District should have more facilities for keeping bodies a longer time, so that they might be recognized by friends. The trustees have advertised for bids, but as the lowest one exceeded the appropriation all bids were rejected.

INSTALLATION OF MECHANICAL STOKERS.

Owing to the rigid enforcement of the smoke law it is necessary to install, as soon as the weather will permit, mechanical stokers in the four Babcock and Wilcox boilers, for which \$11,000 has been set aside by the City Council, on the recommendation of his Honor the Mayor. Kilgore settings have been installed in two of the old return tubular boilers, and as soon as the weather permits they will be installed in the other two boilers of this type.

IMPROVEMENT IN THE AMBULANCE SYSTEM.

It is the intention of the Board of Trustees to use auto ambulances in place of horse ambulances as far as possible. On November 28 an appropriation of \$6,000 was granted, and on December 19, \$3,000 was added, making a total of \$9,000 to purchase three auto ambulances; and these, with the one that is in service now, will give four auto ambulances, and will very much improve the service. It will be necessary, however, to have two or three horse ambulances in commission at the main hospital for use in cases of emergency.

NEW X-RAY APPARATUS.

A new X-ray apparatus has been purchased at an expense of about \$900. This instrument became necessary from the fact that various improvements have been made in the construction of X-ray apparatus in the past two or three years, and the one that was in use had become to a certain extent obsolete. The work of the X-Ray Department has increased very materially in the past two or three years, and the methods have improved from time to time. The early diagnosis of tuberculosis has been thoroughly investigated, and has been found to be of very great value. The radium treatment of cancer has proved eminently successful.

ROBERT TREAT PAINE ESTATE.

In December, 1910, the estate on Massachusetts avenue and Northampton street was purchased from the heirs of Robert Treat Paine. This land was bought in order to enlarge the South Department, which in previous years has been very much overcrowded. The necessity of these new buildings is very great, for the accommodations, in case of an outbreak of scarlet fever and diphtheria, are not adequate. The safety of the public health demands the immediate erection of these additional buildings at a cost of \$297,800, for which the request of the trustees is now before the honorable City Council. It is again earnestly hoped by the trustees that this appropriation will be made immediately so that the plans and specifications may be completed, contracts made and the work begun at the earliest possible moment. At the present time one of the buildings of

the Robert Treat Paine estate is being used for the accommodation of nurses, as the quarters in the hospital have become overcrowded, owing to the fact that the trustees have decided to increase the number of nurses.

HOSPITAL RENOVATIONS.

During the past two years buildings at the South Department, the East Boston Relief Station, the Convalescent Home, the Administration Building, Medical and Surgical Pavilions, and Vose House, have been painted on the outside, and certain of the wards have been renovated inside. Nearly the whole of the Administration building has been painted on the inside. At the Entrance Building changes have been made to accommodate visitors to patients. When it is taken into account that there are something like 500 visitors to the patients in the hospital, the accommodations were manifestly inadequate. A long row of people would extend into the street, which, during inclement weather, was a source of great annoyance and danger. Now, by the reconstruction of the entrance office, they can remain inside until the wards are opened for the admission of visitors.

SOUTH DEPARTMENT.

The expenditure upon this department has been \$107,095.75. If from this is deducted the difference in the amount of stock on hand at the beginning and close of the year, which was \$810 more at the end of the year, it would give \$106,285.75 as the amount properly chargeable to maintenance. This sum was expended upon 2,506 patients, and, divided by 11,250 weeks' board, gives \$9.45 as the per capita cost per week; but if we deduct the money collected for paying patients and other income, the net cost to the city per capita per week was \$5.75. The cost of subsistence supplies was \$26,189.06. The total weeks' board for an average of 343 persons was 17,863. This gives a cost per person for uncooked food supplies of \$1.47 per week, or 21 cents per day. This very small average cost is explained by the fact that 85 per cent of the patients are children. There will be found on pages 46 to 48 a detailed account of the expenditures of this department in the various subdivisions, which are kept on the same general plan as the hospital proper.

During the seventeen years that the department has been in operation, 41,315 patients have been received, nearly all ill with an infectious disease.

The Advisory Board of the South Department, after a careful examination of the conditions, find that the care of the patients at the South Department has been exceptionally good. The total number of admissions to the department for the year was 2,252. The death rate was 7.06 per cent, as contrasted with 6.04 in the previous year. Speaking generally, the mortality at the South Department was somewhat higher than it was in 1910, due in part, probably, to a difference in the type of the diseases at different seasons. As the number of admissions was 457 less than the previous year, the crowding of patients has given less anxiety than usual. The former condition is likely to recur at any time, however, and should be provided for at an early date.

Thirty-three men have served upon the house staff during the year, seven of whom had contagion, as follows: Diphtheria, five; scarlet fever and measles, one each. There were no deaths from these diseases.

It is worth recording that since the introduction of antitoxin in the treatment of diphtheria in 1895, there have been 431 cases of diphtheria among the house staff, nurses and employees at the South Department of the hospital without a death. These cases all received efficient doses of the serum within the first twenty-four hours, the two indispensable factors of this mode of treatment.

One hundred and twenty-four nurses were on duty in the wards during the year. Thirty-six per cent of all the nurses were absent at some time on account of illness.

The ambulance physicians saw 689 cases of supposed contagious disease, but 151 of them proved to be non-contagious and hence were refused admission.

The telephone card index giving the daily condition of the patients is working very satisfactorily, saving much time. As visiting of friends of patients is necessarily limited, the natural means of communication is by telephone. With the patient's condition upon a card before him, the operator can reply at once without being obliged to telephone to the wards for the desired information.

The return to the system of house officers serving at the South Department as a part of their regular appointment has greatly improved the service. Several appointments from other sources have also been made to carry on the work.

The record system by loose sheets kept in envelopes has proved very satisfactory to all concerned. It is hoped that it may prove to be a permanent custom.

It is to be hoped that new buildings can be speedily erected at the South Department, in order to have proper quarters for the nurses, and also to be prepared for any outbreak of scarlet fever or diphtheria that may occur at any time.

PAYING PATIENTS.

During the year there was collected for the care and treatment of patients of all classes the sum of \$110,916.58, itemized as follows: There was received from the Commonwealth of Massachusetts for the board of patients, \$26,334.39; from various cities and towns, for hospital proper, \$25,165.38; collected at the superintendent's office, on account of private room and ward-paying patients, \$20,995.84; for board of paying patients at the South Department, \$2,821.29; for the board of patients at the Haymarket Square Relief Station, \$626.41; for the board of patients at the East Boston Relief Station, \$189.45. There has also been collected for the hospital, by the Board of Health, for the care of infectious cases at the South Department, and paid to the City Collector, the additional sum of \$34,783.82, making the total amount credited to the Hospital Department on account of paying patients, interest on trust funds, rent from the Robert Treat Paine estate, sale of old material, and other revenue, \$116,159.98.

HAYMARKET SQUARE RELIEF STATION.

This Relief Station has been in commission ten years. In these ten years 334,097 patients have been treated. The number of patients treated during the first year was 20,150, and during the present year 40,358, a very great increase. These patients received 42,902 days' treatment, at an average weekly cost of \$5.46, or 78 cents per day, the same as for the year 1910-11.

EAST BOSTON RELIEF STATION.

In the three years that the East Boston Relief Station has been in operation 47,457 patients have been treated. For the year ending January 31, 1912, 22,877 patients were treated. These patients received 23,507 days' treatment, at an average weekly cost of \$5.32, or 76 cents per day, as against \$1.09 for the year 1910-11.

CONVALESCENT HOME.

The number of patients treated during the year was 341, who received 7,460 days' treatment, at an average weekly cost of \$10.61.

PATHOLOGICAL LABORATORY.

During the year the work in the Pathological Laboratory has been practically the same as in previous years. The field of pathological histology has increased very materially and has solved many problems.

Serology is coming more and more prominently before the medical profession. Certain work in this line has been done under the direction of the Pathological Laboratory. In November, however, the trustees deemed it advisable to establish a separate department, under the title of the Department for Vaccine and Serum Therapy.

Post-mortem Examinations.—The number of post-mortem examinations this last year has diminished to a certain extent, although the number of deaths has increased. It is very important that more autopsies should be made, but the prevailing sentiment in the community against autopsies rendered it well nigh impossible to obtain permission for one in many instances.

The Wasserman Reaction.—The routine work in making the Wasserman reaction has increased very considerably the past year. Two years ago the total number of reactions made was 117. During the last fiscal year the number increased to 1,170. It must be borne in mind that this work requires a great deal of time, and it may be necessary in the near future to increase the staff in the Pathological Department.

A great deal of work has been done in bacteriology in determining the exact identity of the organisms

obtained from blood cultures and other sources, especially of diphtheria-like organisms sometimes found.

Although the work in research has been very active during the last year, nothing has been published. Marked attention has been devoted to the lesions of the kidney, the heart and the blood vessels.

Surgical Pathology.—The number of surgical specimens examined during the year was 1,354, a slight increase over the preceding year. Much fundamental work has been done and is still going on in regard to the simplification of the classification of tumors. Much time is required for this investigation, owing to the relatively small number of tumors operated on at this hospital.

Blood Cultures.—The total number of blood cultures for the year was eighty-nine. Blood cultures are particularly useful in helping to clear up obscure cases, and in determining the infectious agent and hence the probable diagnosis in infectious endocarditis and in cases of septicemia. It also furnishes the earliest possible positive diagnosis of typhoid fever, as positive blood cultures may be obtained during the first week, while a Widal reaction cannot be obtained until the middle of the second week.

It is very important, as a part of the work of the Pathological Laboratory, to attack the subject of the etiology of scarlet fever and measles. They are two of the few infectious diseases of which we do not know the cause. It is extremely important to find it out. Until the cause is definitely ascertained, little or nothing can be done to stamp out these diseases. The line of work proposed is to inoculate monkeys with organisms taken from the blood of scarlet fever and measles patients. It is hoped that much may be accomplished in this way.

The Advisory Committee for the South Department has heartily and unanimously indorsed this procedure, and would be perfectly willing to assume all responsibility for seeing that it is carried out exactly as stated, without anything being done that could bring the slightest censure on the hospital.

Laboratory of Clinical Pathology.—During the past year the amount of work done in the clinical laboratory has increased, and the work by the medical house pupils in particular has been of commendable quality. The number of examinations requiring special technique, as for example the analysis of urinary calculi, biliary calculi,

the examination of the urine and stools for lead and arsenic, and the routine examination of stools for evidences of intestinal disorders and the presence of intestinal parasites, has resulted in valuable aids, not only in diagnosis but in the treatment of the condition thus found.

X-RAY DEPARTMENT.

The expectation, noted in the report of last year, that the department would soon have at its disposal a more powerful apparatus for taking radiographs than hitherto, has been recently realized and it is now in use. Some of its advantages have been already demonstrated and with its continued employment others will be more fully developed. This apparatus will assist in the diagnosis of diseases whose site is in the deeper parts of the body, not only in those of the chest but also the abdomen, particularly of the stomach and intestines. It will enable radiographs of the heart and blood vessels, as well as of other organs, to be made, that will give more accurate detail than heretofore.

As shown by the following table, the work of the X-Ray Department has grown during the year, notably in the number of radiographs taken.

The number of treatments has been about the same as in the previous year, but there has been a slight increase in the fluoroscopic examinations, and from 20 to 30 per cent increase in all other directions.

	1910.	1911.
Number of patients of whom photographs (A) have been made.....	185	133
Number of patients of whom radiographs (B) have been made.....	4,995	6,548
Number of patients of whom fluoroscopic examinations (C) have been made.....	560	572
Total number of X-ray and radium treatments.....	2,044	2,064
Total number of photographs, radiographs, examinations and treatments.....	7,784	9,317
Total requisitions (A, B, C) filled.....	5,084	6,505
Total number of negatives made (A, B).....	7,816	9,562

A large portion of the work has always been concerned with surgical cases, but the value of X-ray examinations in the diagnosis of medical cases has been slower of recognition in this community, still the appreciation

of their usefulness in this direction is steadily gaining ground and in the near future will doubtless increase more rapidly than at any time since the discovery of the X-rays. This is gratifying to the staff of the X-Ray Department, as they have for years maintained that a large and important function of X-ray examinations was the aid they could render in medical diagnosis and that these examinations would assist practitioners in making an early diagnosis, in elucidating some obscure cases and in giving such information in others that a more accurate diagnosis could be made.

Dr. S. W. Ellsworth, this year as last, has given instruction in medical diagnosis by the use of the X-rays to students, with increasing satisfaction to them and to himself. The new apparatus will put facilities at his disposal that will make him able to present the work in a still more satisfactory manner.

The growth of the department made it necessary to ask the trustees for the appointment of a paid assistant and this position was first filled by Dr. James A. Honeij. When, for family reasons, he was obliged to return to South Africa, Dr. Ralph D. Leonard, who was formerly an interne in the hospital, was appointed to take his place. This work includes the treatment of patients with the X-rays or radium and requires an unusually painstaking and careful man, as any carelessness might have serious results for the patients.

DEPARTMENT FOR VACCINE AND SERUM THERAPY.

On November 13 Dr. George P. Sanborn was appointed to the position of Physician for Vaccine and Serum Therapy. This work is a very important addition to the medical service of the hospital. It consists in the application of bacterial vaccine and toxin in the treatment of and protection against certain types of infectious disease. The cases treated have been referred from the different hospital services.

Out-patients have been received for treatment on Mondays, Wednesdays and Fridays, at 11 a. m., in the rooms of the Ear Out-Patient Department, through the courtesy of the visiting surgeon. The average attendance has been fifteen.

The types of cases treated are as follows: Furunculosis, carbuncle, eczema, acne, impetigo contagiosa,

tuberculosis, etc. Tuberculin and other toxins as diagnostic tests are made use of as the routine of this department and at the request of other departments.

Anti-typhoid inoculations have been tried on 137 of the nurses. Three inoculations have been given at seven-day intervals. Test of the blood for agglutinating power after inoculations has shown evidence of a definite degree of immunity.

The laboratory work in connection with serum therapy has been carefully conducted. Therapeutic inoculation depends for its efficiency upon accurate bacteriological diagnosis. The work largely consists in the determination of the actual infecting micro-organism in a given case, its isolation, growth on culture media, and finally preparation of bacterial vaccine. Sero-agglutination tests and animal inoculation are made use of as a means of diagnosis.

At the South Department inoculation with streptococcus serum has been tried in a certain number of instances. It is well known that streptococcus infection is a very frequent cause of death in scarlet fever. Research, at present begun, consists of a preparation of streptococcus vaccine to be used in protective inoculation of scarlet fever patients on admission to the South Department. It is hoped that by inducing a higher degree of immunity, the streptococcus complications occurring later in the disease may be very much diminished.

OUT-PATIENT DEPARTMENT.

The Out-Patient Department statistics may be found on pages 18, 20 and 23 in the superintendent's report.

The number of patients treated in the Out-Patient Department during the past year has been 38,129. The number of visits was 122,461.

In the Throat and Aural Departments over 1,500 adenoid operations have been done. This is in addition to the routine work.

The Throat Department has been very much overworked, on account of the increased number of patients applying to have adenoids removed, and the necessity of an increased number of surgeons becomes more and more manifest each year.

The Eye Department has also been overworked, on account of the large number of school children

applying for examination of the eyes, and to have errors of refraction corrected.

HOUSE OFFICERS.

On February 17, 1911, the trustees voted to extend the terms of service for the medical and surgical house officers from sixteen to twenty months, the same to be in five periods of four months each, and to include, for the surgeons, four months at the Haymarket Square Relief Station, and for the physicians, four months at the South Department.

CHANGES IN THE RULES.

The Hospital Rules have been changed as follows:

Increasing the number of required nominations for a vacancy in the Medical and Surgical Staff from two to three.

Changing the rules of the trustees, so that any alteration of the rules may be made by a vote of "a majority of the trustees," instead of by a vote of "two-thirds of the trustees," as formerly.

Increasing the number of Assistants to the Ophthalmic Surgeons from three to six.

Changing the name of the "Medical Committee" to "Committee on Medical Department and Training School"; also changing the name of the "Committee on Service and Training School" to "Committee on Service."

A complete copy of the rules, as amended to date, is being prepared for printing.

MEDICAL AND SURGICAL STAFF.

The following are the changes in the Medical and Surgical Staff during the year just closed:

The resignation of Thomas Amory DeBlois, M. D., as Surgeon for Diseases of the Throat, was accepted, and he was appointed Consulting Surgeon.

Leo V. Friedman, M. D., Second Assistant Visiting Surgeon for Diseases of Women, resigned; with regret the trustees accepted his resignation.

The following appointments have been made: F. B. Mallory, M. D., a member of the Advisory Staff of the South Department; Robert M. Green, M. D., Third Assistant Visiting Surgeon for Diseases of Women; Francis W. Palfrey, M. D., Second Assistant Visiting

Physician; William E. Ladd, M. D., Third Assistant Visiting Surgeon; William P. Boardman, M. D., Assistant to the Physician for Diseases of the Skin; Frank Howard Lahey, M. D., Third Assistant Visiting Surgeon; Minot F. Davis, M. D., H. B. Stevens, M. D., Henry Hawkins, M. D., and William D. Madden, M. D., Assistants to the Ophthalmic Surgeons.

The following temporary appointments have been made: For the position of Fourth Assistant Visiting Surgeon for Diseases of Women, Arthur C. Martin, M. D., for the term from February 6 to June 30, 1911; James L. Huntington, M. D., for six months beginning July 1, 1911, and Delbert L. Jackson, M. D., for six months beginning January 1, 1912; for the position of Assistant to the Physicians to Out-Patients, Walter T. Garfield, M. D., for six months beginning April 20, 1911; John F. Casey, M. D., for six months beginning October 20, 1911; for the position of Assistant to the Physicians for Diseases of the Nervous System, Walter B. Swift, M. D., for six months beginning May 26, 1911, again for six months beginning November 26, 1911; Albert W. Stearns, M. D., for six months beginning July 28, 1911, also for the six months beginning January 29, 1912; for the position of Fourth Assistant Visiting Surgeon, Irving J. Walker, M. D., for six months beginning May 26, 1911; for the position of Assistant to the Ophthalmic Surgeons, H. B. Stevens, M. D., Minot F. Davis, M. D., Henry Hawkins, M. D., and A. B. Morrison, M. D., for six months beginning June 2, 1911.

The following promotions have been made: John Bapst Blake, M. D., from Visiting Surgeon to Surgeon-in-Chief; Howard A. Lothrop, M. D., from First Assistant Visiting Surgeon to Visiting Surgeon; Joshua C. Hubbard, M. D., from Second Assistant Visiting Surgeon to First Assistant Visiting Surgeon; Walter C. Howe, M. D., from Third Assistant Visiting Surgeon to Second Assistant Visiting Surgeon; Nathaniel R. Mason, M. D., from Third Assistant Visiting Surgeon for Diseases of Women to Second Assistant Visiting Surgeon for Diseases of Women; John C. Bossidy, M. D., from Ophthalmic Surgeon to Visiting Ophthalmic Surgeon; Peter H. Thompson, M. D., from Assistant to the Ophthalmic Surgeons to Ophthalmic Surgeon.

The position of Physician for Vaccine and Serum Therapy was created, and George P. Sanborn, M. D., was appointed thereto.

On account of the large number of adenoid cases, on February 24 it was voted, that four volunteer assistants be appointed for the Throat Department, the same to serve for periods of four months each. The following are the appointees for this work: John F. O'Brien, M. D., L. M. Freedman, M. D., R. J. Kissock, M. D., C. L. Christiernin, M. D., Edward A. Knowlton, M. D., Paul J. D. Haley, M. D., Eugene Thayer, M. D., Benjamin J. Murray, M. D., J. F. Cummings, M. D.

On November 29 Dr. Oliver Fairfield Wadsworth died. Doctor Wadsworth, who at the time of his death was in his seventy-fourth year, was one of the older members of the Medical and Surgical Staff of the Boston City Hospital. He was elected physician to Out-Patients March 20, 1866, Associate Ophthalmic Surgeon November 22, 1870, Visiting Ophthalmic Surgeon, in association with Dr. Henry W. Williams, beginning the first Monday of May, 1885. The last report of the hospital still bears his name as Visiting Ophthalmic Surgeon and head of this department. His appointments, therefore, extended over a period of forty-six years, and during all this time his skill, his knowledge, his experience were all at the call of the Institution and of his colleagues.

This is a rare record, but when we remember that during much of this time he occupied a similar position and discharged the same service at the Massachusetts General Hospital and the Massachusetts Charitable Eye and Ear Infirmary, as well as serving as the Professor of Ophthalmology at the Harvard Medical School, we get a still more emphatic retrospect of his energy, activity and devotion. Nor was this all. Up to the last few months of his life Doctor Wadsworth carried on his private practice, which had been large and responsible and in which the same consideration of the individual's position which might be supposed to especially characterize the clinic found much place.

At a meeting of the Board of Trustees the following resolutions were adopted:

Resolved, That the death of Dr. Oliver Fairfield Wadsworth, connected with the hospital since 1866, is a source of great grief to the trustees and an irreparable loss to the patients of the Boston City Hospital.

Resolved, That no testimonials, that no resolutions, can sufficiently convey the feeling of personal sorrow in the death of Dr. Wadsworth. The following verse from Kipling seems particularly appropriate:

He scarce had need to doff his pride,
Nor slough the dross of earth.
E'en as he trod that day to God,
So walked he from his birth
In simpleness and gentleness,
And honor and clean mirth.



GIFTS.

The trustees gratefully acknowledge the following gifts which have been received during the year:

An American flag for the hospital grounds, given by the president of the Board of Trustees.

A gift of books for the South Department, presented by Mr. Eliot W. Remick, "as a token of his esteem and regard for the efficient care and attention bestowed upon his wife when a patient at the South Department."

A donation of \$9 by Mr. Thomas H. Hall, on account of Margaret Cunningham, a deceased patient.

Fifteen dollars awarded by the Henry Siegel Company, in their annual Charity Contest.

A photograph of the late Dr. Herbert L. Burrell, presented by Mrs. Burrell.

The gift of \$5 from Mr. Jesse Wilcox, on account of his wife, a former patient at the hospital.

The trustees desire to express their appreciation of the gifts of flowers, fruit and pamphlets to the hospital during the past year.

Different organizations have visited the wards on Sundays, and by music have relieved the tediousness of the stay in the hospital.

The trustees wish to express their full appreciation of Mrs. James Rea's kindness in furnishing music every Sunday for the patients, as she has done for the past fifteen years.

The trustees would again express their appreciation of the Medical and Surgical Staff, who have performed their duties in a constant and painstaking manner, and of their faithful efforts for the welfare of the patients and for the general advancement of the hospital.

The trustees gratefully acknowledge the helpful interest and cooperation that his Honor the Mayor and the City Council have manifested toward the

hospital at any and all times, and also wish to express their appreciation of the efficient service of the superintendent and his assistants who have devoted themselves untiringly to the welfare of the hospital, its inmates, and its ever increasing and exacting duties.

Respectfully submitted,

A. SHUMAN, *President.*

CONRAD J. RUETER, *Secretary.*

FRANCIS J. KEANY, M. D.

WILLIAM G. SHILLABER.

JOSEPH P. MANNING.

REPORT OF THE SUPERINTENDENT AND MEDICAL DIRECTOR.

THE BOSTON CITY HOSPITAL, February 1, 1912.

To the Trustees:

GENTLEMEN,— I have the honor to present herewith the annual report of the Hospital Department for the year ending January 31, 1912.

On June 1, 1864, the Boston City Hospital was opened for the admission of patients. Since that time the number of house patients treated in the different departments has been 337,938 and the number of out-patients, 1,240,493. The table on page 20 shows the number of patients who have applied for admission and been treated in the hospital proper and the South Department during the last ten years. The principal statistics for the year are shown on pages 22 and 23. The other tables are self-explanatory.

Patients admitted to the hospital according to services:

Medical services	4,018
Surgical services	4,757
Gynæcological service	1,198
Ophthalmic service	116
Aural service	286
Neurological service	335
Dermatological service	71
Total	<u>10,781</u>

Number of visits of patients to the hospital for advice and treatment in the Out-Patient Departments:

Medical diseases	12,621
Surgical diseases	71,996
Diseases of the eye	6,044
Diseases of the ear	4,882
Diseases of the skin	2,883
Diseases of women	3,744
Carried forward	<u>102,170</u>

<i>Brought forward</i>	102,170
Diseases of the nervous system	6,338
Diseases of the throat	6,425
X-ray treatment	2,080
Surgical out-patients treated in the accident rooms and not included elsewhere	5,448
Total	<u>122,461</u>

TABLE OF ADMISSIONS AND DEATHS FROM FEBRUARY 1, 1902, TO JANUARY 31, 1912.
Hospital Proper and South Department.

	Patients Examined for Ad- mission.	Patients Admitted.	Patients Acciden- tally Injured.	Number of Out- Patients Treated.	Number of Patients in Hospital at Beginning of Year.	Number of Patients Treated.	Died.	Rate of Mortality.
February 1, 1902, to January 31, 1903.....	14,666	9,978	1,130	32,152	614	10,592	1,088	.103
February 1, 1903, to January 31, 1904.....	15,422	10,349	953	34,734	672	11,021	1,122	.102
February 1, 1904, to January 31, 1905.....	14,974	10,837	772	37,608	711	11,548	1,160	.100
February 1, 1905, to January 31, 1906.....	13,645	10,357	738	38,650	652	11,009	1,143	.104
February 1, 1906, to January 31, 1907.....	14,943	11,679	704	37,938	673	12,352	1,322	.108
February 1, 1907, to January 31, 1908.....	15,227	11,751	853	40,246	734	12,485	1,406	.113
February 1, 1908, to January 31, 1909.....	17,741	12,403	898	42,310	758	13,161	1,401	.106
February 1, 1909, to January 31, 1910.....	15,397	11,674	928	39,482	828	12,502	1,327	.106
February 1, 1910, to January 31, 1911.....	16,261	13,074	1,075	40,032	785	13,859	1,483	.107
February 1, 1911, to January 31, 1912.....	15,747	13,033	1,232	38,129	744	13,777	1,611	.117

The total number of patients admitted to the wards since the opening of the hospital and South Department has been 319,079, and the number of out-patients has been 869,697.

HOSPITAL PROPER.

 APPLICANTS EXAMINED FOR ADMISSION DURING THE
YEAR.

YEAR.	Month.	Number Examined.	Number Admitted.	Number not Admitted.
1911.	February.....	1,066	846	220
	March.....	1,142	940	202
	April.....	1,058	897	161
	May.....	1,118	924	194
	June.....	976	834	142
	July.....	1,238	1,081	157
	August.....	977	856	121
	September.....	986	844	142
	October.....	1,069	860	209
	November.....	999	812	187
	December.....	1,103	886	217
1912.	January.....	1,256	1,001	255
	Totals.....	12,988	10,781	2,207

HOSPITAL PROPER.

PRINCIPAL STATISTICS, 1911-12.

Number of Patients.

Number of patients remaining in the hospital proper January 31, 1911	490
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Admitted from February 1, 1911, to January 31, 1912, inclusive:

Medical	4,018	
Surgical	4,757	
Gynæcological	1,198	
Ophthalmic	116	
Aural	286	
Neurological	335	
Dermatological	71	
		10,781
Treated during the year		11,271
Discharged during the year	9,239	
Died during the year	1,434	
		10,673
Number of patients remaining in the hospital January 31, 1912		598
Largest number of patients in the hospital at any one time		618
Smallest number of patients in the hospital at any one time		408
Daily average number of patients		505
Average number of days' stay of patients		16.34
Number of weeks' treatment given in hospital		26,314
Number of days' treatment given in hospital		184,197
Number of applicants for admission to hospital		12,988
Number of applicants rejected		2,207
Number of patients treated in Out-Patient Depart- ments		38,129
Number of visits made by out-patients		122,461
Patients carried in ambulances		4,306
Number of patients accidentally injured, admitted		1,232

Number of out-patients treated in the Out-Patient Departments, classified according to diseases:

For medical diseases	6,110
For surgical diseases	16,878
For diseases of the eye	2,412
For diseases of the ear	1,419
For diseases of the skin	1,371
For diseases of women	926
For diseases of the nervous system	636
For diseases of the throat	2,796
For X-ray and radium treatment	133
Surgical out-patients treated in the accident rooms and not elsewhere included	5,448
Total number of out-patients	<u>38,129</u>

PRESENT CAPACITY OF THE HOSPITAL DEPARTMENTS.

The schedule of beds is as follows:

Hospital proper	655
South Department	340
Haymarket Square Relief Station	20
East Boston Relief Station	10
Convalescent Home	36
	<u>1,061</u>

The distribution of the beds in the Main Department is as follows:

	WARD.		PRIVATE.		Totals.
	Males.	Females.	Males.	Females.	
Surgical	161	97	21	17	296
Medical	141	108	8	7	264
Gynæcological		51		2	53
Ophthalmic and aural	7	9			16
Neurological	10	10			20
Dermatological	3	3			6
Totals	322	278	29	26	655

STATISTICS OF PATIENTS ACCORDING TO SERVICES.
February 1, 1911, to January 31, 1912, Inclusive.

SERVICES.	In Hospital February 1, 1911.	Admitted.	Discharged.	Died.	Total Discharged and Died.	In Hospital February 1, 1912.
First Surgical.....	64	1,419	1,254	140	1,394	89
Second Surgical.....	64	1,694	1,514	153	1,667	91
Third Surgical.....	63	1,644	1,453	167	1,620	87
First Medical.....	71	1,404	1,105	294	1,399	76
Second Medical.....	66	1,303	1,047	245	1,292	77
Third Medical.....	66	1,311	1,059	246	1,305	72
Gynæcological.....	52	1,198	1,095	88	1,183	67
Ophthalmic.....	5	116	115	1	116	5
Aural.....	16	286	277	12	289	13
Neurological.....	19	335	253	85	338	16
Dermatological.....	4	71	67	3	70	5
Totals.....	490	10,781	9,239	1,434	10,673	598

RECEIPTS AND EXPENDITURES.

Receipts.

City appropriation	\$550,000 00
Interest on trust funds	1,964 00
Award in Henry Siegel Company charity contest, ...	15 00
Gift from friend of Margaret Cunningham	9 00
Gift from Jesse Wilcox	5 00
	\$551,993 00
Deduct unexpended balance	454 07
	<u>\$551,538 93</u>

Expenditures.

Hospital proper and its subdivisions	\$359,365 04
Out-Patient Department	22,289 05
South Department	107,095 75
Haymarket Square Relief Station	33,682 93
East Boston Relief Station	17,888 81
Convalescent Home	11,217 35
	<u>\$551,538 93</u>

APPLICANTS NOT ADMITTED DURING THE YEAR.

*February 1, 1911, to January 31, 1912.**Cause of rejection:*

For want of accommodation	75
For want of accommodation, but admitted within three days	41
For want of accommodation but admitted later	9
Self-rejected or deferred	598
Self-rejected or deferred, but admitted within three days	90
Self-rejected or deferred, but admitted later	60
For want of sufficient information	122
For want of sufficient information, but admitted within three days	12
For want of sufficient information, but admitted later, ...	5
Referred to Out-Patient Departments	702
Referred to South Department	10
Nonresident	426
Chronic	116
Pulmonary tuberculosis	46
Delirium tremens	32
Venereal	41
Pregnancy	17
Insane	10
Miscellaneous	12
Total	2,424
Admitted within three days or later	217
Total not admitted	2,207

RECORD OF AMBULANCE WORK.

*Transportation to the Hospital.**Trips to:*

Business center	172
North End	187
West End	237
Back Bay	127
South End	801
Roxbury	780
West Roxbury	27
Dorchester	345
South Boston	479
East Boston	363
Charlestown	290
Jamaica Plain	88
Carried forward	3,896

RECORD OF AMBULANCE WORK.—*Concluded.**Transportation to the Hospital.*

<i>Brought forward</i>	3,896
<i>Trips to:</i>	
Brighton	108
Roslindale	26
South Department	5
Total trips in	4,035
Did not come	104
Patients brought	<u>3,931</u>

Transportation from the Hospital.

Convalescent Home	90
Patients' homes	24
Other hospitals	82
Total trips out	196
Carried extra	179
Patients carried	<u>375</u>

Summaries.

Total number of trips	4,231
Total patients transferred	4,306

*Record of Coupé Trips for Surgeons and Physicians.**In bringing:*

The physician	17
The surgeon	198
Total trips	<u>215</u>

Number of miles the ambulances have run as shown by
odometer count, in all departments 32,912

AMBULANCE.

*Per Capita Cost of Transportation for the Years 1907,
1908, 1909, 1910, 1911.*

	Expenditures.	Number of Miles.	Cost per Patient.	Cost per Mile.
Year ending January 31, 1908.....	\$7,228 02	30,867	\$0 888	\$0 234
Year ending January 31, 1909.....	7,127 15	33,690	869	211
Year ending January 31, 1910.....	5,595 05	27,754	846	202
Year ending January 31, 1911.....	5,684 28	32,064	701	177
Year ending January 31, 1912.....	6,672 14	32,912	788	203

CENSUS OF DAYS' BOARD OF ALL PERSONS.
February 1, 1911, to January 31, 1912, Inclusive.

	Patients.	Officers and Employees.	Total Days' Board.
Hospital proper.....	184,197	156,908	341,105
South Department.....	78,749	46,289	125,038
Haymarket Square Relief Station.....	3,844	13,775	17,619
East Boston Relief Station.....	843	6,386	7,229
Convalescent Home.....	7,460	3,020	10,480
Totals.....	275,093	226,378	501,471

DAILY AVERAGE OF PERSONS.

	Patients.	Officers and Employees.	Total Persons.
Hospital proper.....	504.6	429.9	934.5
South Department.....	215.8	126.8	342.6
Haymarket Square Relief Station.....	10.5	37.7	48.2
East Boston Relief Station.....	2.3	17.5	19.8
Convalescent Home.....	20.4	8.3	28.7
Totals.....	753.6	620.2	1,373.8

	Hospital Proper.	South Department.	Haymarket Square Relief Station.	East Boston Relief Station.	Convalescent Home.	All Departments.
Maximum number of days' board of persons.....	1,088	421	68	25	42	1,496
Minimum number of days' board of persons.....	815	267	41	17	16	1,196

NATIVITY OF PATIENTS ADMITTED DURING THE YEAR.

Boston.....	2,927	<i>Brought forward...</i>	10,102
Other towns in Massa- chusetts.....	945	Cape Verde Islands....	8
Maine.....	373	Armenia.....	7
New Hampshire.....	118	South Wales.....	7
Vermont.....	69	South America.....	6
Rhode Island.....	74	Roumania.....	5
Connecticut.....	48	Azores.....	5
Other states.....	565	Bermuda.....	4
Ireland.....	1,775	Western Islands.....	4
British Provinces.....	1,057	Spain.....	4
Russia.....	615	Bohemia.....	3
Italy.....	437	Belgium.....	3
England.....	353	Egypt.....	3
Sweden.....	146	India.....	3
Germany.....	129	Albania.....	3
Scotland.....	104	Jamaica.....	2
Greece.....	62	Bulgaria.....	2
Poland.....	46	Africa.....	2
Norway.....	44	Barbadoes.....	2
Austria.....	44	Asia.....	2
Turkey.....	27	Cuba.....	2
Denmark.....	22	Gibraltar.....	1
France.....	21	Australia.....	1
Holland.....	20	Bahama Islands.....	1
Syria.....	15	Macedonia.....	1
Finland.....	14	Lithuania.....	1
Portugal.....	12	Honolulu.....	1
Switzerland.....	11	Sicily.....	1
Hungary.....	10	Phillipine Islands.....	1
China.....	10	Bavaria.....	1
British West Indies....	9	Unknown.....	593
<i>Carried forward....</i>	10,102	<i>Total.....</i>	<u>10,781</u>

CONDITION OF PATIENTS DISCHARGED DURING
THE YEAR.

Well.....	1,994	<i>Brought forward...</i>	9,175
Relieved.....	6,547	Not treated.....	64
Not relieved.....	634	Died.....	1,434
<i>Carried forward....</i>	9,175	<i>Total.....</i>	<u>10,673</u>

SOUTH DEPARTMENT.

APPLICANTS EXAMINED FOR ADMISSION DURING THE YEAR.

YEAR.	Month.	Number Examined.	Number Admitted.	Number not Admitted.
1911.	February.....	238	196	42
	March.....	280	219	61
	April.....	284	229	55
	May.....	322	240	82
	June.....	257	221	36
	July.....	151	118	33
	August.....	148	123	25
	September.....	190	157	33
	October.....	266	234	32
	November.....	194	157	37
	December.....	230	199	31
	January.....	199	159	40
	Totals.....	2,759	2,252	507

APPLICANTS NOT ADMITTED DURING THE YEAR.

February 1, 1911, to January 31, 1912, Inclusive.

CAUSE OF REJECTION.	1911. February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	1912. January.	Totals.
Nonresident.....	2	2	1	1	1	1	1	1	1	1	2	1	9
Self-rejected.....	37	7	4	7	1	2	1	1	4	5	3	6	43
No infectious disease.....	37	40	34	42	31	30	22	31	25	24	23	30	369
Want of accommodation *.....	1	1	1	1	1	1	1	1	1	2	2	1	6
Parotitis †.....	1	1	1	1	1	1	1	1	1	1	1	1	3
Pertussis †.....	1	1	1	1	1	1	1	1	1	1	1	1	4
Rubella †.....	1	9	14	31	2	1	1	1	1	2	1	1	63
Syphilis †.....	1	1	1	1	1	1	1	1	1	1	1	2	5
Varicella †.....	1	1	1	1	1	1	2	1	1	3	1	1	5
Totals.....	42	61	55	82	36	33	25	33	32	37	31	40	507

* Scarlet Fever and Pertussis, 1; Scarlet Fever and Varicella, 1; Measles and Pertussis, 4.

† No wards for these diseases.

RECORD OF AMBULANCE WORK IN BRINGING PATIENTS TO SOUTH DEPARTMENT.

<i>Trips to:</i>	
Business center	18
North End	104
West End	188
Back Bay	56
South End	258
Roxbury	385
West Roxbury	3
South Boston	205
East Boston	199
Charlestown	133
Dorchester	198
Jamaica Plain	61
Brighton	104
Hyde Park	1
Suburban towns	1
Total trips in	1,914
Brought extra	225
	2,139
Did not come	175
Patients brought	<u>1,964</u>

NATIVITY OF PATIENTS ADMITTED TO THE SOUTH DEPARTMENT DURING THE YEAR.

Boston.....	1,424	<i>Brought forward...</i>	2,071
Other towns in Massa- chusetts.....	263	Greece.....	5
Maine.....	39	Denmark.....	3
New Hampshire.....	14	West Indies.....	3
Vermont.....	6	Sweden.....	2
Rhode Island.....	14	Norway.....	2
Connecticut.....	14	Austria.....	1
Other states.....	54	Holland.....	1
British Provinces.....	116	Poland.....	1
Ireland.....	42	Portugal.....	1
Russia.....	31	South America.....	1
Italy.....	27	Turkey.....	1
England.....	16	China.....	1
Scotland.....	6	Syria.....	1
Germany.....	5	Unknown.....	158
<i>Carried forward...</i>	2,071	Total.....	<u>2,252</u>

CONDITION OF PATIENTS DISCHARGED FROM THE
SOUTH DEPARTMENT DURING THE YEAR.

Well.....	2,137	<i>Brought forward...</i>	2,143
Well of diphtheria, relieved of tubercu- losis.....	4	Well of scarlatina, relieved of tubercu- losis.....	3
Well of rubella, relieved of ichthyosis,	1		2,146
Well of scarlatina, relieved of fracture of skull.....	1	Relieved.....	2
		Died.....	177
<i>Carried forward...</i>	2,143	<i>Total.....</i>	<u>2,325</u>

From a preceding table it will be noticed that at the South Department eighty-six patients have been refused admission for lack of room.

The following are the principal statistics for the year:

Number of patients remaining in the South Depart- ment January 31, 1911	254
Admitted from February 1, 1911, to January 31, 1912, inclusive	2,252
Treated during the year	2,506
Discharged during the year	2,148
Died during the year	177
	<u>2,325</u>

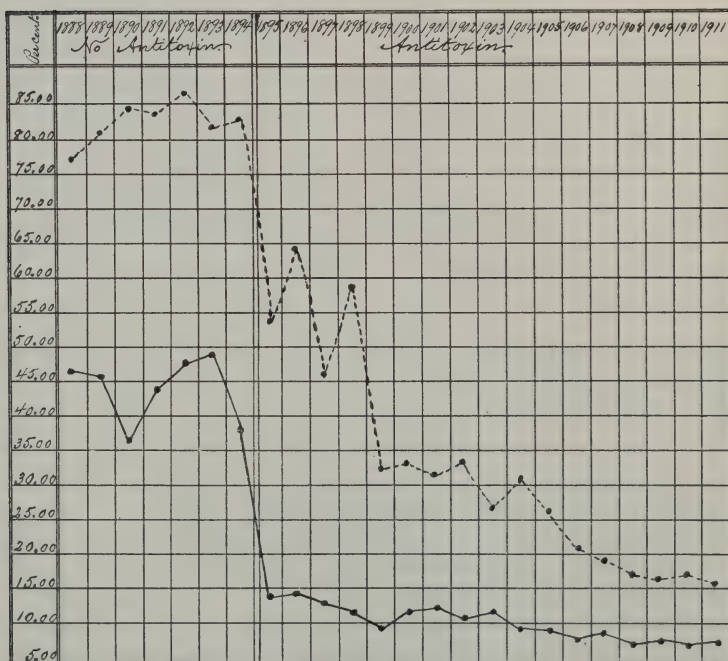
Number of patients remaining January 31, 1912	181
Maximum number of patients at any one time	291
Minimum number of patients at any one time	147
Daily average number of patients	215.75
Average number of days' stay of patients	31.42
Number of days' treatment given patients	78,749
Number of weeks' treatment given patients	11,250
Number of applicants for admission	2,759
Number of patients rejected	507
Patients carried in ambulances	1,964
Number of patients admitted over fifteen years of age	343
Number of patients dying within forty-eight hours of admission	60
Average age of patients	8.1
Percentage of deaths to discharges	7.61
The death rate from diphtheria	8.92
The death rate from diphtheria, deducting deaths within twenty-four hours of admission	4.57

The death rate from scarlet fever	5.64
The death rate from scarlet fever, deducting deaths within twenty-four hours of admission	4.49
The death rate from measles	4.99
The death rate from all diseases	7.06

(A)

Per cent of Mortality of Diphtheria at the Boston City Hospital proper, and at the South Department, from 1888 to 1911, inclusive. Per cent of Mortality of Intubations for the same time. From 1888 to 1894, no Antitoxin. From 1895 to 1911, Antitoxin.

Diphtheria = ————— Intubation = - - - - -



The death rate from all diseases, deducting deaths within twenty-four hours of admission	5.59
Number of days' board given persons	125,038
Number of weeks' board given persons	17,863
Total expenditures	\$107,095.75
Average weekly cost per patient	\$9.45

If a comparison is made between the South Department and the hospital proper as to the number of days' board given patients, it will be found that at the former it is 78,749, while at the latter it is 184,197.

Charts A, C, D and Table B are based on the figures of the calendar year, as is the universal custom in making tables of vital statistics, and not on the financial year.

Chart A shows the percentage of mortality of diphtheria at the Boston City Hospital proper and at the

(B)

Number of Cases of Diphtheria treated at the Boston City Hospital proper, and at the South Department, from 1888 to 1911, inclusive. Number of Cases of Intubation for the same time. 1888 to 1894, no Antitoxin. 1895 to 1911, Antitoxin.

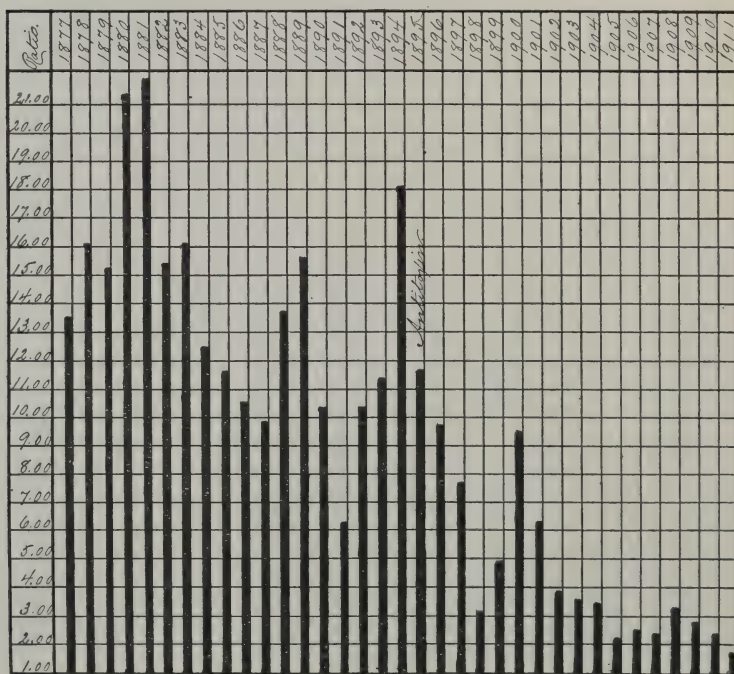
Year.	Number of Cases of Diphtheria.	Diad.	Percent. of Mortality.	Percent. Recovered.	Number of Intubations.	Diad.	Percent. of Mortality.	Percent. Recovered.
1888	382	176	46.07	53.92	100	78	78.00	22.00
1889	529	239	45.17	54.82	128	104	81.25	18.75
1890	415	151	36.38	63.61	93	79	84.94	15.05
1891	237	105	44.30	55.69	50	42	84.00	16.00
1892	387	185	47.80	52.19	65	56	86.15	13.84
1893	419	203	48.44	51.55	109	90	82.56	17.43
1894	698	266	38.10	61.89	89	74	83.14	16.85
Total	3067	1325	43.20	56.79	634	523	82.49	17.50
1895	1455	207	14.22	85.77	118	64	54.23	45.76
1896	1889	276	14.61	85.38	224	145	64.73	35.26
1897	1387	181	13.04	86.95	146	67	45.88	54.11
1898	817	97	11.87	88.12	71	42	59.15	40.84
1899	1621	162	9.99	90.00	192	63	32.81	67.18
1900	2547	223	11.50	88.49	259	88	33.59	66.40
1901	1576	185	11.73	88.26	184	58	31.52	68.47
1902	1008	111	10.20	89.79	145	49	33.79	66.20
1903	1179	138	11.70	88.29	129	37	28.61	71.38
1904	1431	136	9.50	90.49	153	47	30.71	69.28
1905	866	82	9.46	90.53	135	35	25.92	74.07
1906	1117	92	8.23	91.76	150	31	20.66	79.33
1907	1305	119	9.11	90.88	178	35	19.66	80.33
1908	1608	123	7.64	92.35	217	39	17.97	82.02
1909	1402	109	7.77	92.22	187	33	17.64	82.35
1910	1317	90	6.83	93.16	184	34	18.47	81.52
1911	1069	82	7.67	92.32	154	24	15.58	84.41
Total	23594	2483	10.29	89.70	2836	891	32.29	67.70

South Department from 1888 to 1911, inclusive, and also the percentage of mortality of intubations for the same time. It will be noticed from this chart that since the South Department was opened in 1895 there has been a marked diminution, not only in the death rate of all types of diphtheria, but also in intubation cases.

Table B shows the number of cases of diphtheria that were treated at the Boston City Hospital proper, and at the South Department, from 1888 to 1911, inclusive, and the number of intubations for the same time. It is interesting to note that the percentage of recoveries from 1888 to 1894 was 17.50, whereas the percentage of recoveries from 1895 to 1911, inclusive, was 67.70.

(C)

Ratio of Mortality of Diphtheria per 10,000 of the Population in Boston, from 1877 to 1911, inclusive.



Average Ratio of Mortality from 1877 to 1894, inclusive, 13.87.

Average Ratio of Mortality from 1895 to 1911, inclusive, 4.80.

Chart C shows the ratio of mortality of diphtheria per 10,000 of the population in Boston from 1877 to 1911, inclusive. It is worthy of note that from 1877 to 1894, inclusive, the ratio of mortality per 10,000 of the population in Boston was 13.87. The ratio of mortality from 1895 to 1911, inclusive, was 4.80.

Chart D gives the ratio of morbidity and ratio of

mortality of scarlet fever in Boston per 10,000 of the population, from 1887 to 1911, inclusive.

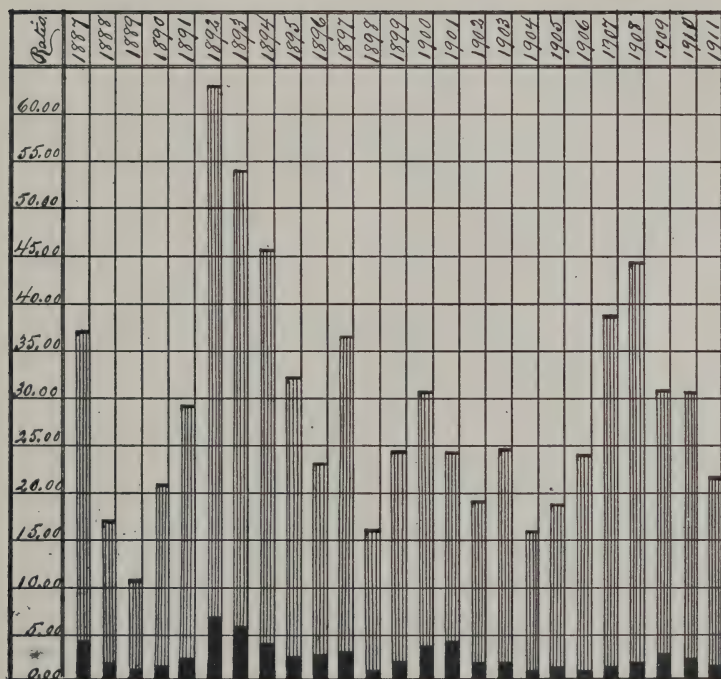
The importance of increased accommodations for the treatment of scarlet fever and diphtheria has already received the earnest attention of the Board of

(D)

Ratio of Morbidity and Ratio of Mortality of Scarlatina in Boston, per 10,000 of the Population, from 1887 to 1911, inclusive.

Morbidity=

Mortality=



Average Ratio of Morbidity from 1887 to 1894, inclusive, 34.64.

Average Ratio of Morbidity from 1895 to 1911, inclusive, 26.95.

Average Ratio of Mortality from 1887 to 1894, inclusive, 2.98.

Average Ratio of Mortality from 1895 to 1911, inclusive, 1.63.

Trustees. As has been stated in the trustees' report, land has been purchased on which to erect buildings, giving the South Department a much enlarged capacity for the treatment of scarlet fever, diphtheria and measles. This will be of great advantage to the city, and will decrease the ratio of morbidity and the ratio of mortality from these diseases.

Table No. 1.
DISBURSEMENTS ACCORDING TO VARIOUS SUBDIVISIONS.

	The Boston City Hospital.	Out-Patient Department.	Pathological Department.	X-Ray and Photographic Department.	Settlement Account.	South Department.	Haymarket Square Relief Station.	East Boston Relief Station.	Convalescent Home.	Totals.
Subsistence supplies.	\$92,391 52	\$2,272 27	\$1,136 12	.....	.....	\$26,189 06	\$6,408 95	\$3,245 52	\$2,824 81	\$131,059 86
Fuel.	14,876 22	2,953 36	1,191 72	\$284 03	.....	8,337 19	1,673 72	817 93	532 27	29,929 75
Medical supplies.	30,786 32	2,953 36	1,191 72	4,921 93	.....	2,010 49	2,089 59	747 08	130 95	44,831 44
Salaries and labor.	142,443 49	8,439 20	8,138 26	3,614 67	\$133 33	50,730 55	17,661 90	10,069 40	3,854 56	245,085 36
Buildings, repairs.	14,726 19	197 27	132 59	15 64	.....	2,483 98	267 01	638 75	384 14	18,845 57
Grounds.	1,519 26	.....	.....	.....	.....	238 90	40 70	5 35	1,775 51	3,579 72
Ice.	1,988 88	.....	.....	.....	.....	732 34	197 60	105 04	85 48	3,109 34
Electric lighting, power and gas.	9,490 84	168 08	326 88	715 00	.....	861 56	930 91	731 05	189 74	13,414 06
Soap, cleansing stuffs, matches, etc.	2,907 87	48 75	36 61	5 68	.....	630 54	227 94	72 49	77 82	4,007 70
Removal of ashes.	538 37	73 00	36 50	9 13	.....	255 50	.....	44 76	.....	957 26
Furniture, furnishings and fixtures.	11,714 87	349 48	170 67	90 05	11 20	2,342 22	566 01	255 75	461 73	15,961 98
Beds and bedding.	4,564 87	.....	.....	.....	.....	1,230 96	568 79	53 62	138 59	6,556 83
Dry goods, uniforms and clothing.	3,610 25	213 90	40 48	4 93	.....	1,864 10	493 13	94 12	49 16	6,370 07
Medical library.	34 76	.....	.....	.....	.....	.....	.....	.....	.....	34 76
Stationery, printing, postage and advertising.	3,929 63	494 72	113 90	262 70	378 43	743 88	478 39	264 26	24 25	6,690 16
Transportation.	219 77	.....	9 10	.....	.....	21 65	242 10	161 75	72 00	726 37
Telephones and telegraphs.	1,678 08	33 09	3 31	.....	.....	413 56	301 03	112 03	42 59	2,883 69
Laundry, repairs, etc.	4,814 92	149 38	.....	.....	.....	1,512 06	224 06	112 03	5 87	6,818 32
Stable and ambulance station.	3,569 82	.....	.....	.....	.....	1,566 48	896 71	108 03	531 10	6,672 14
Barn and live stock.	.....	.....	.....	.....	.....	.....	.....	.....	1 56	1 56
Training School for Nurses.	1,743 09	.....	.....	.....	.....	107 12	.....	.....	.....	1,850 21
Annual reports.	421 69	.....	.....	.....	.....	118 94	.....	.....	.....	540 63
Card cataloguing clinical records.	218 00	.....	.....	.....	.....	.....	.....	.....	.....	218 00
Expert accounting.	700 80	32 85	21 90	21 90	.....	197 10	65 70	32 85	21 90	1,093 05
Incidentals.	299 03	35 00	139 80	.....	.....	30 75	46 25	35 00	13 32	599 15
Totals.	\$349,188 54	\$15,400 35	\$11,497 84	\$9,945 66	\$522 96	\$102,618 93	\$33,380 49	\$17,706 81	\$11,217 35	\$551,538 93

[illegible]

Table No. 2.

STATEMENT SHOWING COST PER PATIENT PER DAY IN THE DIFFERENT DEPARTMENTS FOR YEAR
ENDING JANUARY 31, 1912.

PARTICULARS.	MAIN HOSPITAL.		OUT-PATIENT DEPARTMENT	HAYMARKET SQUARE RELIEF STATION.	EAST BOSTON RELIEF STATION.	CONVALESCENT HOME.	Total.	Cost per In-Patient and Out-Patient per day in all Departments in Cents.
	Expenditures for Ward Patients.	Cost per Ward Patient per day in Cents.						
Administration expenses.....	\$37,116 25	\$0 141	\$1,197 90	\$6,037 67	\$2,834 87	\$1,218 47	\$48,405 16	\$0 106
Professional care of patients:								
Superintendent of nurses and assistants.....	4,815 27	021	.....	721 63	641 79	.....	6,178 69	013
Nurses.....	22,904 65	086	649 92	1,107 41	371 55	535 82	25,569 35	055
Supervisors and orderlies.....	23,798 97	091	1,998 20	2,623 05	1,752 97	.....	30,173 19	066
Ward employees.....	13,439 05	050	.....	826 95	.....	.....	14,266 00	031
Nurses' Home and Vose House.....	4,935 65	020	.....	.....	.....	.....	4,935 65	011
Apothecaries.....	2,812 63	011	121 66	136 67	136 67	29 16	3,236 79	007
Medical and surgical supplies.....	32,796 81	123	2,953 36	2,089 59	747 08	130 95	38,717 79	084
98%			1%	1%	.....	.....	.....	
60%	11,802 96	045	120 44	120 44	.....	.....	12,043 84	026
Pathological Laboratory (\$12,043.84).....			40%	.....	.....	.....	.....	
X-Ray and Photographic Department (\$9,945.66).....	5,967 40	023	3,978 26	.....	.....	.....	9,945 66	022
Settlement account.....	522 96	002	.....	.....	.....	.....	522 96	001
Training School for Nurses.....	1,798 12	007	.....	.....	.....	.....	1,798 12	004
Ambulance.....	10,238 81	039	.....	2,844 21	217 13	.....	13,300 15	029
Barn, livestock and wagonette.....			.....	.....	.....	.....	.....	
Housekeeping.....	24,272 54	093	2,443 18	1,707 44	1,288 11	1,174 16	30,369 51	002
Equipment.....	19,852 92	075	407 42	1,134 80	320 03	600 82	22,305 99	066
Steward's Department *.....	120,356 76	458	.....	6,463 15	3,268 00	2,847 29	132,937 20	048
Kitchen and dining room.....	13,561 80	050	.....	771 81	831 74	598 39	15,763 74	035

Laundry.....	24,235 81	091	801 94	1,135 32	622 60	277 17	27,072 84	059
Heat, light and power.....	54,173 00	207	4,115 67	4,341 49	3,634 02	729 24	66,993 42	145
Buildings and grounds.....	33,501 78	127	648 10	714 28	734 96	2,232 84	37,831 96	082
Miscellaneous expenses.....	7,196 65	027	123 00	723 02	315 29	184 80	8,542 76	018
Totals.....	\$470,100 79	\$1 787	\$19,559 05	\$33,500 93	\$17,706 81	\$11,217 35	\$552,084 93	\$1 20
Deduct board of employees.....	3,640 00	014					3,640 00	
Add board of employees.....			2,730 00	182 00	182 00		\$548,444 93	
Total operating expenses.....	\$466,460 79	\$1 773	\$22,289 05	\$33,682 93	\$17,888 81	\$11,217 35	\$551,538 93	\$1 20
Add difference in stock on hand less than February 1, 1911.....	131 00	001			94 00	85 00	310 00	
Deduct difference in stock on hand more than February 1, 1911.....							\$551,848 93	
Amount properly chargeable to maintenance.....	\$466,591 79			257 00			257 00	
Total patients' days' treatment.....	262,946		\$22,289 05	\$33,425 93	\$17,982 81	\$11,302 35	\$551,591 93	
Cost per day.....		\$1 774	122,461	42,902	23,507	7,460	459,276	\$1 20
			\$0 18	\$0 78	\$0 76	\$1 52		

* In steward's department at main hospital \$1,776.18 were paid for salaries and \$118,580.58 for subsistence supplies.

HOW THE CITY HOSPITAL DOLLAR IS DIVIDED.

The following diagram shows how the City Hospital dollar is divided. The sum of forty-four and one-half cents is paid for salaries and labor. The item of subsistence is twenty-four cents, and the other items, of course, are much smaller.

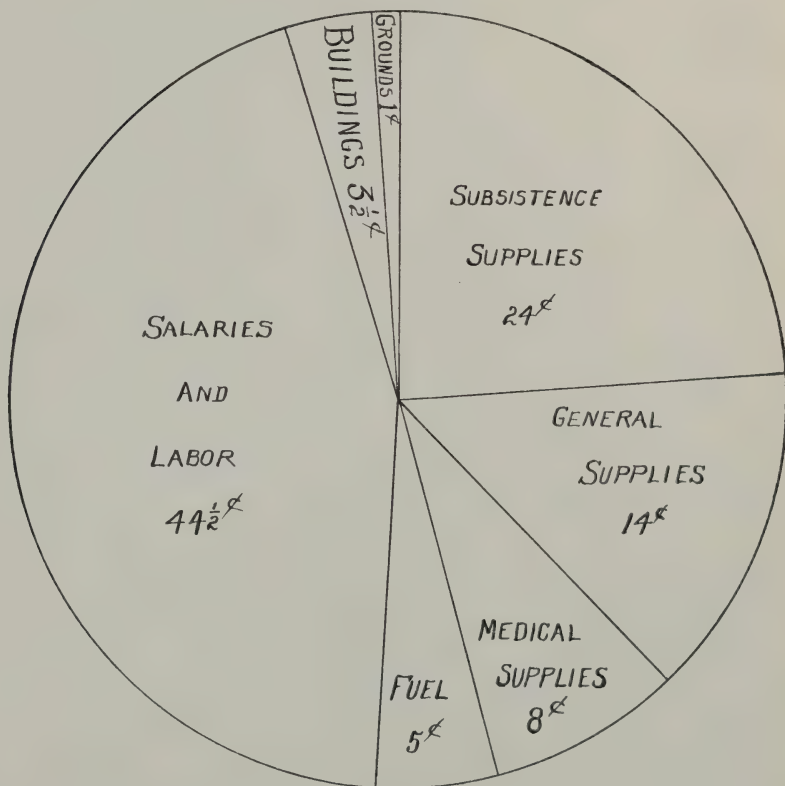


Table No. 3.

STATEMENT SHOWING COST PER PATIENT PER DAY FOR
ALL DEPARTMENTS FOR YEAR ENDING JANUARY
31, 1912.

Administration expenses	\$48,405 16
Professional care of patients:	
Superintendent of nurses and assistants	6,178 69
Nurses	25,569 35
Supervisors and orderlies	30,173 19
Ward employees	14,266 00
Nurses' Home and Vose House	4,935 65
Apothecaries	3,236 79
Medical and surgical supplies	38,717 79
Pathological laboratory	12,043 84
X-Ray and Photographic Department	9,945 66
Settlement account	522 96
Training School for Nurses	1,798 12
Ambulance	13,300 15
Barn, live stock and wagonette	1,174 16
Housekeeping	30,369 51
Equipment	22,305 99
Steward's department *	132,937 20
Kitchen and dining room	15,763 74
Laundry	27,072 84
Heat, light and power	66,993 42
Buildings and grounds	37,831 96
Miscellaneous expenses	8,542 76
	\$552,084 93
Deduct amount of board of employees charged to Pathological Laboratory	546 00
Total operating expenses	\$551,538 93
Add difference in stock on hand less than Feb- ruary 1, 1911	310 00
	\$551,848 93
Deduct difference in stock on hand more than February 1, 1912	257 00
Amount properly chargeable to maintenance	<u>\$551,591 93</u>
Total patients' days' treatment	459,276
Cost	\$1 20

* In steward's department \$1,877.34 was paid for salaries and \$131,059.86 for sub-
sistence supplies.

Table No. 4.

OPERATING EXPENSES FOR THE YEAR ENDING JANUARY 31, 1912.

Hospital Proper.

(Not including Out-Patient Department.)

Administration Expenses.

Salaries:			
Officers	\$10,230 64		
General supervisor of supplies and clerks	\$5,572 15		
Telephone operators	966 88		
Executive supervisor, messenger and four center orderlies	2,416 84		
		8,955 87	
			\$19,186 51
Office Expenses:			
Printing	\$2,374 81		
Stationery	954 53		
Postage	512 49		
Telephone rentals	1,277 98		
Telephone and messenger service	400 10		
Advertising	87 80		
Expert accounting	700 80		
		6,308 51	
Total administration expenses			\$25,495 02

Professional Care of Patients.

Salaries and Wages:			
Superintendent of nurses and assistants	\$3,048 90		
Nurses	17,721 95		
Supervisors and orderlies	20,351 97		
Ward employees	9,584 40		
		\$50,707 22	
Nurses' Houses:			
Wages, employees	\$3,719 90		
Repairs and expenses	1,215 75		
		4,935 65	
Dispensary:			
Salaries, apothecaries	\$1,772 31		
Medical and surgical expenses:			
Instruments and appliances	\$6,348 04		
Surgical supplies	9,424 06		
Medical supplies	11,223 31		
Alcohol, liquors and wines	3,790 91		
		30,786 32	
		32,558 63	
Total professional care of patients			88,201 50

Department Expenses.

Pathological Laboratory:			
Salaries and wages	\$8,138 26		
Office expenses, printing, stationery, etc.	\$139 11		
Apparatus	736 40		
Supplies	519 92		
Equipment	179 11		
Heat and light	1,503 55		
Building repairs	132 59		
Incidentals	148 90		
		3,359 58	
Board of employees	546 00		
		\$12,043 84	
			\$7,587 62 (63%)
X-Ray and Photographic Department:			
Salaries and wages	\$3,614 67		
Office expenses	\$284 60		
Apparatus	1,717 73		
Supplies	3,214 81		
Equipment	90 05		
Heat, light and power	1,008 16		
Building repairs	15 64		
		6,330 99	
		\$9,945 66	
			5,967 40 (60%)
Carried forward			\$13,555 02 \$113,696 52

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1912.— *Continued.**Hospital Proper.— Continued.**Department Expenses.— Concluded.*

<i>Brought forward</i>			\$13,555 02	\$113,696 52
Settlement Account:				
Wages, clerk	\$133 33			
Office expenses, printing, etc.	\$378 43			
Equipment	11 20			
	<u>389 63</u>			
		\$522 96		
			261 48 (50%)	
Training School for Nurses:				
Salaries, instructors of nurses		\$1,027 25		
Supplies and expenses, circulars, diplomas, etc.		321 34		
		<u>1,348 59</u>		
Ambulance:				
Wages, foreman and drivers		\$3,520 63		
Horseshoeing, repairs, etc.	\$2,636 08			
Hay, straw and grain	809 49			
Stable supplies	15 45			
Gasoline	108 80			
	<u>3,569 82</u>			
			7,090 45	
Housekeeping:				
Salaries and wages		\$9,634 67		
Wages, house cleaners		3,005 28		
Housekeeping supplies		4,520 02		
		<u>17,159 97</u>		
Equipment:				
Furniture		\$812 37		
Furnishings and fixtures		10,902 50		
Beds and bedding		4,564 87		
		<u>16,279 74</u>		
Steward's Department:				
Salaries and wages		\$1,562 62		
Provisions:				
Meat, poultry and fish	\$29,978 14			
Dairy products and eggs	44,645 14			
Fruit and vegetables	7,543 99			
Flour and cereals	4,096 30			
Groceries	6,127 95			
	<u>92,391 52</u>			
			93,954 14	
Kitchen and Dining Room:				
Wages, cooks and kitchen employees		\$7,835 50		
Wages, table girls		1,852 11		
		<u>9,687 61</u>		
Laundry:				
Salaries and wages		\$13,095 61		
Supplies and expenses	\$3,248 92			
Fuel (apportioned)	1,566 00			
	<u>4,814 92</u>			
			17,910 53	
Heat, Light and Power:				
Salaries and wages		\$13,560 44		
Fuel	\$14,876 22			
Gas	\$2,339 16			
Electric light purchased	6,192 70			
Electric light system, ...	958 98			
Removal of ashes	538 37			
Sundry supplies	105 88			
	<u>10,135 09</u>			
		25,011 31		
		<u>38,571 75</u>		
Total department expenses				215,819 28
<i>Buildings and Grounds.</i>				
Buildings:				
Boilers and heating apparatus	\$3,618 69			
Refrigerating plant	76 29			
Drains and sewers	267 21			
Walls and fences	11 73			
	<u>\$3,973 92</u>			
Wages:				
Elevator men	\$1,894 50			
Gate porters	622 09			
	<u>2,516 59</u>			
Carried forward		\$6,490 51		\$329,515 80

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1912.— *Continued.**Hospital Proper.— Concluded.**Buildings and Grounds.— Concluded.*

<i>Brought forward</i>			\$6,490 51	\$329,515 80
Repairs to buildings			7,546 88	
Wages, carpenters		\$3,029 63		
Wages, painters	\$3,482 75			
Painting supplies	1,822 28			
		5,305 03		
			8,334 66	
Wages, plumbers		\$733 82		
Plumbers' supplies		1,383 11		
			2,116 93	
				\$24,488 98
Grounds:				
Salaries and wages			\$2,406 65	
Supplies and expenses			1,519 26	
				3,925 91
Total buildings and grounds				28,414 89

Miscellaneous Expenses.

Ice			\$1,988 88	
Transportation			219 77	
Insurance			173 58	
Clothing for patients			1,063 23	
Uniforms, caps, etc.			828 99	
Medical Library			34 76	
Cataloguing clinical records			218 00	
Annual report			421 69	
Incidentals			125 45	
Total miscellaneous expenses				5,074 35
				\$363,005 04

Summary.

Administration expenses			\$25,495 02	
Professional care of patients			88,201 50	
Department expenses			215,819 28	
Buildings and grounds			28,414 89	
Miscellaneous expenses			5,074 35	
				\$363,005 04

Deductions.

Board of employees, Pathological Laboratory			\$546 00	
Board of employees, Out-Patient Department			2,730 00	
Board of employee, Haymarket Square Relief Station			182 00	
Board of employee, East Boston Relief Station			182 00	
				3,640 00
Total operating expenses, hospital proper, for maintenance				\$359,365 04

*Out-Patient Department.**Administration Expenses.*

Salaries and wages (apportioned)			\$637 24	
Office expenses:				
Printing		\$378 32		
Stationery		116 40		
Telephone rentals		33 09		
Expert accounting		32 85		
			560 66	
Total administration expenses				\$1,197 90

Professional Care of Patients.

Salaries and Wages:				
Nurses		\$649 92		
Supervisor and orderlies		1,998 20		
			\$2,648 12	
Dispensary:				
Wages (apportioned)		\$121 66		
Carried forward		\$121 66	\$2,648 12	\$1,197 90
				\$359,365 04

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1912.— *Continued.**Out-Patient Department.— Concluded.**Professional Care of Patients.— Concluded.*

<i>Brought forward</i>	\$121 66	\$2,648 12	\$1,197 90	\$359,365 04
Medical and Surgical Expenses:				
Apparatus	\$169 30			
Surgical instruments and appliances	580 08			
Surgical supplies, ...	1,026 65			
Medical supplies, ...	1,162 43			
Alcohol	14 90			
	<u>2,953 36</u>			
		<u>3,075 02</u>		
Total professional care of patients			5,723 14	

Department Expenses.

Pathological Laboratory (\$12,043.84), 1%		\$120 44		
X-Ray and Photographic Department (\$9,945.66), 40%			3,978 26	
Housekeeping:				
Wages, employees	\$2,227 53			
Wages, house cleaners	111 45			
Housekeeping supplies	104 20			
	<u>2,443 18</u>			
Equipment:				
Furniture	\$164 50			
Furnishings and fixtures	184 98			
Bedding	57 94			
	<u>407 42</u>			
Laundry:				
Wages (apportioned)	\$652 56			
Supplies and expenses	149 38			
	<u>801 94</u>			
Heat, Light and Power:				
Salaries and wages (apportioned), ...	\$1,589 81			
Fuel	2,272 27			
Gas	\$36 56			
Electric light and power	23 20			
Supplies and expenses	193 83			
	<u>253 59</u>			
		<u>4,115 67</u>		
Total department expenses			11,866 91	

Buildings.

Boilers and heating apparatus	\$139 35			
Wages, elevator man	364 00			
Building repairs	57 92			
Wages, painter	\$24 00			
Wages, plumber	62 83			
	<u>86 83</u>			
Total buildings			648 10	

Miscellaneous Expenses.

Insurance	\$35 00			
Uniforms and caps	88 00			
	<u>123 00</u>			
Total miscellaneous expenses			123 00	
			<u>\$19,559 05</u>	

Summary.

Administration expenses	\$1,197 90			
Professional care of patients	5,723 14			
Department expenses	11,866 91			
Buildings	648 10			
Miscellaneous expenses	123 00			
	<u>\$19,559 05</u>			
Add board of employees		2,730 00		
Total operating expenses, Out-Patient Department, for maintenance			22,289 05	
Carried forward			\$381,654 09	

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1912.— *Continued.*

Brought forward \$381,654 09

*South Department.**Administration Expenses.*

Salaries:			
Officers	\$5,657 41		
Clerks	\$2,770 99		
Telephone opera-			
tors	930 82		
Center orderlies	907 47		
		4,609 28	
			\$10,266 69
Office Expenses:			
Printing	\$614 59		
Stationery	123 29		
Postage	6 00		
Telephone rentals	296 55		
Telephone and messenger service, ...	117 01		
Expert accounting	197 10		
		1,354 54	
Total administration expenses			\$11,621 23

Professional Care of Patients.

Salaries and Wages:			
Matron and assistants	\$1,766 37		
Nurses	5,182 70		
Supervisor and orderlies	3,447 00		
Ward employees	3,854 65		
			\$14,250 72
Dispensary:			
Salaries, apothecaries	\$1,040 32		
Medical and surgical expenses:			
Instruments and			
appliances	\$418 60		
Surgical supplies, ...	597 41		
Medical supplies, ...	926 38		
Alcohol, liquors			
and wines	68 10		
		2,010 49	
			3,050 81
Total professional care of patients			17,301 53

Department Expenses.

Pathological Laboratory (\$12,043.84), 35%	\$4,215 34		
Settlement account (\$522.96), 50%	261 48		
Training School for Nurses:			
Salaries, training school	\$342 41		
Training school supplies and ex-			
penses	107 12		
		449 53	
Ambulance:			
Wages, drivers	\$1,581 88		
Horseshoeing, re-			
pairs, etc.	\$1,158 28		
Hay, straw and			
grain	355 68		
Stable supplies	6 79		
Gasolene	45 73		
		1,566 48	
			3,148 36
Housekeeping:			
Wages, employees	\$5,307 08		
Wages, house cleaners	543 50		
Housekeeping supplies	1,261 99		
		7,112 57	
Equipment:			
Furniture	\$233 39		
Furnishings and fixtures	2,108 83		
Beds and bedding	1,230 96		
		3,573 18	
Steward's Department:			
Salaries and wages (apportioned), ...	\$213 56		
Carried forward	\$213 56	\$18,760 46	\$28,922 76 \$381,654 09

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1912.—*Continued.**South Department.—Continued.**Department Expenses.—Concluded.*

<i>Brought forward</i>	\$213 56	\$18,760 46	\$28,922 76	\$381,654 09
Provisions:				
Meat, poultry and fish	\$7,199 08			
Dairy products and eggs	12,843 23			
Fruit and vegetables	2,685 16			
Flour and cereals	1,374 22			
Groceries	2,087 37			
	<u>26,189 06</u>			
Kitchen and Dining Room:		26,402 62		
Wages, cooks and kitchen employees	\$2,991 51			
Wages, table girls	882 68			
	<u>3,874 19</u>			
Laundry:				
Salaries and wages	\$4,813 22			
Supplies and expenses	\$903 06			
Fuel (apportioned),	609 00			
	<u>1,512 06</u>			
		6,325 28		
Heat, Light and Power:				
Salaries and wages	\$6,132 97			
Fuel	8,337 19			
Gas	\$549 43			
Electric light system	312 13			
Removal of ashes	255 50			
Supplies	14 03			
	<u>1,131 09</u>			
		15,601 25		
Total department expenses			\$70,963 80	

Buildings and Grounds.

Buildings:				
Boilers and heating apparatus	\$452 86			
Walls and fences	38 00			
Drains and sewers	35 25			
Building repairs	1,534 77			
	<u>\$2,060 88</u>			
Wages, carpenters		879 58		
Wages, painters	\$387 25			
Painting supplies and expenses	405 70			
	<u>792 95</u>			
Wages, plumber	\$205 34			
Plumbing supplies,	17 40			
	<u>222 74</u>			
Wages, night watchman		424 84		
		<u>\$4,380 99</u>		
Grounds:				
Wages	\$467 00			
Supplies	238 90			
	<u>705 90</u>			
Total buildings and grounds			5,086 89	

Miscellaneous Expenses.

Ice	\$732 34			
Transportation	21 65			
Clothing for patients	1,177 31			
Uniforms, caps, etc.	41 31			
Annual reports (apportioned)	118 94			
Incidentals	30 75			
	<u>2,122 30</u>			
Total miscellaneous expenses			2,122 30	

Summary.

Administration expenses	\$11,621 23			
Professional care of patients	17,301 53			
	<u>\$28,922 76</u>	<u>\$107,095 75</u>	<u>\$381,654 09</u>	
Carried forward				

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1912.— *Continued.**South Department.— Concluded.**Summary.— Concluded.*

<i>Brought forward</i>	.	.	.	.	.	\$28,922 76	\$107,095 75	\$381,654 09
Department expenses	.	.	.	.	.	70,963 80		
Buildings and grounds	.	.	.	.	.	5,086 89		
Miscellaneous expenses	.	.	.	.	.	2,122 30		
						<u>\$107,095 75</u>		

Total operating expenses, South Department, for maintenance . . . 107,095 75

*Haymarket Square Relief Station.**Administration Expenses.*

Salaries:								
Officers	.	.	.	.	.	\$3,540 01		
Desk orderlies and clerks	.	.	.	.	.	1,652 54		
						<u></u>	\$5,192 55	
Office Expenses:								
Printing	.	.	.	.	.	\$390 78		
Stationery	.	.	.	.	.	86 11		
Postage	.	.	.	.	.	1 50		
Telephone rentals	.	.	.	.	.	276 62		
Telephone and messenger service,	.	.	.	.	.	24 41		
Expert accounting	.	.	.	.	.	65 70		
						<u></u>	845 12	
Total administration expenses	.	.	.	.	.			\$6,037 67

Professional Care of Patients.

Salaries and Wages:								
Matron, etc.	.	.	.	.	.	\$721 63		
Nurses	.	.	.	.	.	1,107 41		
Supervisor and orderlies	.	.	.	.	.	2,623 05		
Ward employees	.	.	.	.	.	826 95		
						<u></u>	\$5,279 04	
Dispensary:								
Salary, apothecary (apportioned),						\$136 67		
Medical and Surgical Expenses:								
Instruments and appli-								
ances	.	.	.	.	.	\$379 73		
Surgical supplies	.	.	.	.	.	1,369 37		
Medical supplies	.	.	.	.	.	274 94		
Alcohol, liquors and								
wines	.	.	.	.	.	65 55		
						<u></u>	2,089 59	
							<u>2,226 26</u>	
Total professional care of patients	.	.	.	.	.			7,505 30

Department Expenses.

Pathological Laboratory (\$12,043.84), 1%	.	.	.	.	.	\$120 44		
Ambulance:								
Salaries and wages	.	.	.	.	.	\$1,947 50		
Horseshoeing, re-								
pairs, etc.	.	.	.	.	.	\$557 05		
Hay, straw and								
grain	.	.	.	.	.	314 76		
Stable supplies	.	.	.	.	.	24 90		
						<u></u>	896 71	
							2,844 21	
Housekeeping:								
Wages, employees	.	.	.	.	.	\$811 82		
Wages, house cleaners	.	.	.	.	.	420 90		
Housekeeping supplies	.	.	.	.	.	474 72		
						<u></u>	1,707 44	
Equipment:								
Furniture	.	.	.	.	.	\$14 61		
Furnishings and fixtures	.	.	.	.	.	551 40		
Beds and bedding	.	.	.	.	.	568 79		
						<u></u>	1,134 80	
<i>Carried forward</i>	.	.	.	.	.	\$5,806 89	\$13,542 97	\$488,749 84

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1912.— *Continued.**Haymarket Square Relief Station.— Continued.*

<i>Department Expenses.— Concluded.</i>			
<i>Brought forward</i>		\$5,806 89	\$13,542 97 \$488,749 84
Steward's Department:			
Salaries and wages (apportioned),	\$56 20		
Provisions:			
Meat, poultry and fish	\$2,572 28		
Dairy products and eggs	1,975 38		
Fruit and vegetables	870 43		
Flour and cereals,	322 53		
Groceries	668 33		
		6,408 95	6,465 15
Kitchen and Dining Room:			
Wages, cook and kitchen employee	\$569 82		
Wages, waitress	201 99		
			771 81
Laundry:			
Wages, employees	\$911 26		
Supplies and expenses	224 06		
			1,135 32
Heat, Light and Power:			
Salaries and wages	\$1,727 58		
Fuel	1,673 72		
Gas	\$61 17		
Electric light purchased	838 41		
Electric light system	31 33		
Supplies and expenses	9 28		
		940 19	4,341 49
Total department expenses			18,520 66
<i>Buildings and Grounds.</i>			
Buildings:			
Boilers and heating	\$19 90		
Building repairs	134 54		
Wages, painter	\$16 75		
Painting supplies and expenses	49 70		
		66 45	
Wages, plumber	\$24 78		
Plumbing supplies and expenses	62 87		
		87 65	
Wages, elevator boy	364 00		
			\$672 54
Grounds:			
Wages, gardener (apportioned)	\$1 04		
Supplies and expenses	40 70		
			41 74
Total buildings and grounds			714 28
<i>Miscellaneous Expenses.</i>			
Ice	\$197 60		
Transportation	242 10		
Insurance	35 00		
Clothing for patients	192 32		
Uniforms, caps, etc.	44 75		
Incidentals	11 25		
Total miscellaneous expenses			723 02
			\$33,500 93
<i>Summary.</i>			
Administration expenses	\$6,037 67		
Professional care of patients	7,505 30		
Carried forward	\$13,542 97	\$33,500 93	\$488,749 84

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1912.—*Continued.**Haymarket Square Relief Station.—Concluded.*

<i>Summary.—Concluded.</i>				
<i>Brought forward</i>		\$13,542 97	\$33,500 93	\$488,749 84
Department expenses		18,520 66		
Buildings and grounds		714 28		
Miscellaneous expenses		723 02		
		<u>\$33,500 93</u>		
Add board of employee			182 00	
Total operating expenses, Haymarket Square Relief Station, for maintenance				33,682 93

*East Boston Relief Station.**Administration Expenses.*

<i>Salaries:</i>		
Officers	\$2,148 63	
Clerks	277 10	
	<u>\$2,425 73</u>	
<i>Office Expenses:</i>		
Printing	\$226 96	
Stationery	37 30	
Telephone rentals	109 62	
Telephone and messenger service,	2 41	
Expert accounting	32 85	
	<u>409 14</u>	
Total administration expenses		\$2,834 87

Professional Care of Patients.

<i>Salaries and Wages:</i>		
Matron, etc.	\$641 79	
Nurses	371 55	
Supervisor and orderlies	1,752 97	
	<u>\$2,766 31</u>	
<i>Dispensary:</i>		
Salary, apothecary (apportioned),	\$136 67	
<i>Medical and surgical expenses:</i>		
Instruments and ap- pliances	\$110 05	
Surgical supplies	505 07	
Medical supplies	86 81	
Alcohol, liquors and wines	45 15	
	<u>747 08</u>	
	<u>883 75</u>	
Total professional care of patients		3,650 06

Department Expenses.

<i>Ambulance:</i>				
Wages, drivers (apportioned)	\$109 10			
Expenses	79 88			
Hay, straw and grain	24 53			
Gasolene	3 15			
Stable supplies	47			
	<u>\$217 13</u>			
<i>Housekeeping:</i>				
Wages, employees	\$1,141 70			
Housekeeping supplies	146 41			
	<u>1,288 11</u>			
<i>Equipment:</i>				
Furniture	\$20 70			
Furnishings and fixtures	235 71			
Beds and bedding	53 62			
	<u>310 03</u>			
<i>Steward's Department:</i>				
Salaries and wages (apportioned),	\$22 48			
<i>Provisions:</i>				
Meat, poultry and fish	\$1,408 85			
Dairy products and eggs	995 61			
	<u>\$2,404 46</u>			
<i>Carried forward</i>	\$2,404 46	\$22 48	\$1,815 27	\$6,484 93
				\$522,432 77

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1912.—*Continued.**East Boston Relief Station.—Concluded.**Department Expenses.—Concluded.*

<i>Brought forward .</i>	\$2,404 46	\$22 48	\$1,815 27	\$6,484 93	\$522,432 77
Steward's Department.— <i>Concluded.</i>					
Fruit and vege- tables	419 21				
Flour and cereals, Groceries	146 58 275 27				
		3,245 52			
			3,268 00		
Kitchen and Dining Room:					
Wages, cook		\$481 74			
Wages, kitchen employee		350 00			
			831 74		
Laundry:					
Wages, employees		\$510 57			
Supplies and expenses		112 03			
			622 60		
Heat, Light and Power:					
Salaries and wages		\$2,034 24			
Fuel		817 93			
Gas	\$200 90				
Electric light pur- chased	519 20				
Electric light system	10 95				
Removal of ashes	44 76				
Supplies and expenses	6 04				
		781 85			
			3,634 02		
Total department expenses				10,171 63	

Buildings and Grounds.

Buildings:					
Boilers and heating		\$87 60			
Drains and sewers		19 98			
Building repairs		149 74			
Wages, painter	\$80 25				
Painting supplies and expenses	381 43				
		461 68			
Wages, plumber		8 53			
			\$727 53		
Grounds:					
Wages, gardener		\$2 08			
Supplies and expenses		5 35			
			7 43		
Total buildings and grounds				734 96	

Miscellaneous Expenses.

Ice	\$105 04				
Transportation and express	161 75				
Insurance	35 00				
Uniforms, caps, etc.	13 50				
Total miscellaneous expenses			315 29		
			\$17,706 81		

Summary.

Administration expenses	\$2,834 87				
Professional care of patients	3,650 06				
Department expenses	10,171 63				
Buildings and grounds	734 96				
Miscellaneous expenses	315 29				
	<u>\$17,706 81</u>				
Add board of employee			182 00		
Total operating expenses, East Boston Relief Station, for maintenance,				17,888 81	
Carried forward					\$540,321 58

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1912.— *Continued.*

Brought forward \$540,321 58

*Convalescent Home.**Administration Expenses.*

Salaries:		
Central administration (apportioned)	\$217 00	
Matron	728 00	
General supervisor and clerks (apportioned)	184 73	\$1,129 73
Office expenses:		
Stationery	\$19 25	
Postage	5 00	
Telephone rentals	42 59	
Expert accounting	21 90	
	<u>88 74</u>	
Total administration expenses		\$1,218 47

Professional Care of Patients.

Salary, head nurse	\$535 82	
Dispensary:		
Salary, apothecary (apportioned), ...	\$29 16	
Medical and surgical expenses:		
Surgical supplies	\$27 45	
Medical supplies	101 50	
Alcohol, liquors and wines	2 00	
	<u>130 95</u>	
		<u>160 11</u>
Total professional care of patients		695 93

Department Expenses.

Farm:		
Wages, farmer	\$477 86	
Wagonette:		
Wages, driver	\$163 64	
Supplies and expenses, ...	173 67	
Hay, straw and grain, ...	36 79	
Stable supplies	70	
	<u>374 80</u>	
Barn and live stock	1 56	
Hay, straw and grain at farm	319 94	\$1,174 16
Housekeeping:		
Wages, employees	\$550 16	
Housekeeping supplies	108 08	658 24
Equipment:		
Furniture	\$180 07	
Furnishings and fixtures	282 16	
Beds and bedding	138 59	
	<u>600 82</u>	
Steward's Department:		
Salaries and wages (apportioned), ...	\$22 48	
Provisions:		
Meat, poultry and fish, ...	\$878 54	
Dairy products and eggs	935 55	
Fruit and vegetables	471 99	
Flour and cereals	208 66	
Groceries	330 07	
	<u>2,824 81</u>	
		<u>2,847 29</u>
Kitchen and Dining Room:		
Wages, cook	\$442 34	
Wages, housemaid	156 05	
	<u>598 39</u>	
Laundry:		
Wages, laundress	\$271 30	
Supplies	5 87	
	<u>277 17</u>	
<i>Carried forward</i>	\$6,156 07	\$1,914 40 \$540,321 58

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1912.—*Concluded.**Convalescent Home.*—*Concluded.*

<i>Department Expenses.</i> — <i>Concluded.</i>				
<i>Brought forward</i>			\$6,156 07	\$1,914 40 \$540,321 58
Heat and Light:				
Wages, electrician		\$2 83		
Fuel		532 27		
Gas	\$92 51			
Electric light purchased,	97 23			
Supplies	4 40			
		194 14		
			729 24	
Total department expenses				6,885 31

Buildings and Grounds.

Buildings:				
Walls and fences		\$106 00		
Drains and sewers		1 25		
Building repairs		143 30		
Wages, carpenter		8 59		
Wages, painter	\$24 75			
Painting supplies and expenses	80 63			
		105 38		
Wages, plumber	3 46			
Plumbing supplies and expenses	52 96			
		56 42		
			\$420 94	
Grounds:				
Wages, gardener (apportioned)	\$36 39			
Supplies and expenses	1,775 51			
		1,811 90		
Total buildings and grounds				2,232 84

Miscellaneous Expenses.

Ice		\$85 48		
Transportation and express		72 00		
Clothing for patients		14 00		
Incidentals		13 32		
Total miscellaneous expenses				184 80

Summary.

Administration expenses	\$1,218 47			
Professional care of patients	695 93			
Department expenses	6,885 31			
Buildings and grounds	2,232 84			
Miscellaneous expenses	184 80			
	<u>\$11,217 35</u>			
Total operating expenses, Convalescent Home, for maintenance			11,217 35	
Total operating expenses, all departments, for maintenance			<u>\$551,538 93</u>	

Table No. 5.

DISBURSEMENTS FROM FEBRUARY 1, 1911, TO JANUARY
31, 1912, INCLUSIVE.

All Departments.

ARTICLES.	Quantity.	Average Price.	Cost.
The Boston City Hospital, Haymarket Square Relief Station, East Boston Relief Station and Convalescent Home.			
SUBSISTENCE SUPPLIES.			
Beef and veal.....	161,367 lbs.	\$0.099 per lb.	\$15,908 80
Mutton and lamb.....	72,290 "	.090 "	6,507 10
Poultry.....	66,818 "	.148 "	9,896 08
Pork and ham.....	43,168 "	.121 "	5,227 36
Fish.....			3,987 01
Lard.....	6,056 lbs.	.084 per lb.	510 54
Milk.....	61,246 cans	.559 per can	34,218 30
Butter.....	48,899 lbs.	.265 per lb.	12,936 25
Cheese.....	1,834 "	.155 "	284 34
Eggs.....	55,918 doz.	.25 per doz.	13,956 02
Vegetables, fresh.....			6,224 95
Vegetables, canned.....			964 98
Fruit, fresh.....			4,060 02
Fruit, canned.....			740 83
Flour.....	851 bbls.	4.828 per bbl.	4,108 91
Graham flour.....	28½ "	3.729 "	105 65
Oatmeal.....	130½ "	2.884 "	376 43
Cornstarch and farina.....	3,660 lbs.	.033 per lb.	118 94
Rice.....	9,713 "	.033 "	316 17
Other cereals.....			1,122 19
Groceries.....			1,619 54
Coffee.....	12,195 lbs.	.189 per lb.	2,303 18
Tea.....	3,349½ "	.186 "	621 65
Chocolate and cocoa.....	1,322 "	.237 "	313 61
Sugar.....	82,732 "	.054 "	4,463 90
Molasses and syrup.....	558 gals.	.30 per gal.	167 13
Carried forward.....			\$131,059 86

DISBURSEMENTS FROM FEB. 1, 1911, TO JAN. 31, 1912, INCLUSIVE:— *Cont.*

ARTICLES.	Cost.	Total.
<i>Brought forward</i>		\$131,059 86
GENERAL SUPPLIES.		
Printing.....	\$3,607 14	
Stationery.....	1,220 48	
Postage.....	524 99	
Advertising proposals, etc.....	87 80	
Telephone rentals.....	2,003 36	
Telephone, telegraph and messenger service.....	543 93	
Nurses' Home.....	406 98	
Vose House.....	808 77	
Training School for Nurses.....	540 13	
Cooking school.....	94 33	
Stable and ambulance.....	4,431 29	
Wagonette.....	211 16	
Barn and live stock.....	1 56	
Hay, straw and grain.....	1,824 40	
Stable supplies.....	47 61	
Gasolene.....	157 68	
Soap and cleansing stuffs.....	3,535 88	
Dry goods.....	2,735 35	
Furniture.....	1,261 14	
Furnishings.....	12,199 53	
Fixtures.....	1,879 91	
Bedsteads.....	359 77	
Mattresses.....	1,360 75	
Bedding.....	4,836 31	
Laundry supplies.....	6,668 94	
Gas, 4,125,100 cubic feet at \$0.786 per 1,000 cubic feet.....	3,243 17	
Electric light purchased.....	7,647 54	
Electric light system.....	1,094 71	
Electrical appliances.....	218 68	
Kerosene, matches and candles.....	139 63	
Removal of ashes.....	838 63	
Ice, 1,114,888 tons at \$2.789 per ton.....	3,109 34	
Transportation and express.....	717 27	
Insurance.....	243 58	
Clothing for patients.....	2,446 86	
<i>Carried forward</i>	\$71,048 60	\$131,059 86

DISBURSEMENTS FROM FEB. 1, 1911, TO JAN. 31, 1912, INCLUSIVE.—*Cont.*

ARTICLES.	Cost.	Total.
<i>Brought forward</i>	\$71,048 60	\$131,059 86
GENERAL SUPPLIES.— <i>Concluded.</i>		
Uniforms, caps, etc.	928 55	
Medical library.	34 76	
Annual reports.	540 63	
Expert accounting.	1,018 35	
Expense incurred in card cataloguing clinical records.	218 00	
House cleaning, soap, brushes, etc.	241 15	
Incidentals not otherwise classified.	180 77	
		74,210 81
MEDICAL SUPPLIES.		
Surgical appliances.	\$4,249 91	
Splints and crutches.	364 75	
Surgical instruments.	3,006 51	
Surgical dressings.	1,369 86	
Bandage and compress materials.	3,052 64	
Gauze.	4,633 18	
Absorbent cotton.	2,489 93	
Oakum.	13 00	
Oxygen gas.	54 50	
Sulphuric ether.	1,484 64	
Medicine and drugs.	8,584 67	
Druggists' sundries.	1,671 79	
Flaxseed meal.	817 34	
Alcohol.	1,341 42	
Liquors.	1,896 09	
Malt liquors and mineral waters.	734 20	
		35,764 43
FUEL.		
Coal, 7,770 ¹¹⁷ / ₂₁₁₀ tons at \$4.829 per ton.	\$26,178 53	
Charcoal.	58 80	
		26,237 33
SALARIES AND LABOR.		
Salaries and wages.	\$220,695 45	
Wages, house cleaners.	4,064 45	
		224,759 90
BUILDINGS.		
General repairs.	\$9,509 23	
Boilers and heating apparatus.	4,179 05	
Painting.	2,739 74	
Plumbing.	1,516 34	
Drains and sewers.	323 69	
<i>Carried forward</i>	\$18,268 05	\$492,032 33

HOSPITAL DEPARTMENT.

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DISBURSEMENTS FROM FEB. 1, 1911, TO JAN. 31, 1912, INCLUSIVE.— *Cont.*

ARTICLES.	Cost.	Total.
<i>Brought forward</i>	\$18,268 05	\$492,032 33
BUILDINGS.— <i>Concluded.</i>		
Refrigerating plant.....	76 29	
Walls and fences.....	155 73	18,500 07
GROUNDS.		
Care of grounds.....		3,579 72
		\$514,112 12
Deduct for board of employees:		
Out-Patient Department.....	\$2,730 00	
Pathological Laboratory.....	546 00	3,276 00
Total expenditures in maintaining main departments for year ending January 31, 1912.....		\$510,836 12
OUT-PATIENT DEPARTMENTS.		
Printing and stationery.....	\$494 72	
Telephone rentals.....	33 09	
Soap and cleansing stuffs.....	26 24	
Dry goods, uniforms, caps, etc.....	213 90	
Furniture, furnishings and fixtures.....	349 48	
Laundry.....	149 38	
Gas, 46,900 cubic feet at \$0.78 per 1,000 cubic feet.....	36 56	
Electric power purchased.....	23 20	
Electrical appliances.....	108 32	
Kerosene, matches and candles.....	12 51	
Removal of ashes.....	73 00	
Insurance.....	35 00	
Expert accounting.....	32 85	
House cleaning: soap, brushes, etc.....	10 00	
Surgical instruments, appliances and apparatus.....	780 53	
Surgical dressings, gauze, absorbent cotton, etc.....	1,026 65	
Medical supplies.....	1,146 18	
Coal, 667 $\frac{1}{2}$ tons at \$3.403 per ton.....	2,272 27	
Salaries and wages.....	8,327 75	
Wages, house cleaners.....	111 45	
Building repairs and heating apparatus.....	197 27	
	\$15,460 35	
Add for board of Out-Patient Department employees.....	2,730 00	18,190 35
PATHOLOGICAL DEPARTMENT.		
Printing, stationery and postage.....	\$113 90	
Telephone rentals.....	3 31	
<i>Carried forward</i>	\$117 21	\$529,026 47

DISBURSEMENTS FROM FEB. 1, 1911, TO JAN. 31, 1912, INCLUSIVE.— *Cont.*

ARTICLES.	Cost.	Total.
<i>Brought forward</i>	\$117 21	\$529,026 47
PATHOLOGICAL DEPARTMENT.— <i>Concluded.</i>		
Soap and cleansing stuffs.....	13 34	
Dry goods.....	40 48	
Furniture, furnishings and fixtures.....	170 67	
Gas, 392,500 cubic feet at \$0.78 per 1,000 cubic feet.....	306 14	
Electric light system.....	20 74	
Kerosene, matches and candles.....	4 05	
Removal of ashes.....	36 50	
Transportation.....	9 10	
House cleaning: soap, brushes, etc.....	19 22	
Expert accounting.....	21 90	
Incidentals.....	139 80	
Instruments, apparatus and laboratory ware.....	736 40	
Chemicals.....	222 69	
Blood serum.....	70 90	
Alcohol.....	161 73	
Salaries and labor.....	8,118 04	
Wages, house cleaning.....	20 22	
Coal, 333 $\frac{1}{2}$ tons at \$3.403 per ton.....	1,136 12	
Building repairs, heating apparatus and plumbing.....	132 59	
	\$11,497 84	
Add for board of Pathological Department employees.....	546 00	12,043 84
X-RAY AND PHOTOGRAPHIC DEPARTMENT.		
Printing and stationery.....	\$262 70	
Furniture, furnishings, fixtures, etc.....	94 98	
Electric power purchased.....	715 00	
Removal of ashes.....	9 13	
Expert accounting.....	21 90	
House cleaning: soap, brushes, etc.....	5 68	
X-Ray and photographic supplies and apparatus.....	4,921 93	
Coal, 83 $\frac{1}{2}$ tons at \$3.403 per ton.....	284 03	
Salaries and labor.....	3,563 12	
Wages, house cleaning.....	51 55	
Boilers and heating apparatus.....	15 64	
		9,945 66
SETTLEMENT ACCOUNT.		
Expense incurred in ascertaining settlement of patients.....		522 96
Total disbursements.....		\$551,538 93
<i>Carried forward</i>		\$551,538 93

HOSPITAL DEPARTMENT.

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DISBURSEMENTS FROM FEB. 1, 1911, TO JAN. 31, 1912, INCLUSIVE.—*Concl.*

ARTICLES.	Cost.	Total.
<i>Brought forward</i>		\$551,538 93
STOCK ON HAND FEBRUARY 1, 1911.		
<i>All Departments.</i>		
General supplies.....	\$18,518 36	
Coal.....	7,760 74	
Medical supplies.....	3,353 30	
Liquors.....	295 60	
		29,928 00
Total expenditures for all purposes.....		\$581,466 93
DEDUCT.		
STOCK ON HAND FEBRUARY 1, 1912.		
<i>All Departments.</i>		
General supplies.....	\$20,377 46	
Coal.....	6,916 61	
Medical supplies.....	2,335 83	
Liquors.....	245 10	
		29,875 00
Total maintenance expenses.....		\$551,591 93
DEDUCT REVENUE.		
Income from Paying Patients:		
Collected by hospital.....	\$76,132 76	
Collected by Board of Health for contagious cases.....	34,783 82	
		\$110,916 58
Revenue for Maintenance:		
Interest on trust funds.....	\$1,964 00	
Award in Henry Siegel Company Charity Contest.....	15 00	
Gift from friend of Margaret Cunningham....	9 00	
Gift from Jesse Wilcox.....	5 00	
		1,993 00
Sundry Revenue:		
Revenue from estate, Massachusetts avenue and Northampton street.....	\$3,057 13	
Sale of old material.....	116 35	
Interest on bank deposits.....	49 04	
Commission on automatic telephone.....	20 88	
Birth registration.....	7 00	
		3,250 40
		116,159 98
Net cost to the city for maintaining all departments from February 1, 1911, to January 31, 1912, inclusive.....		\$435,431 95

Table No. 6.

COMPARISON OF THE CENSUS AND EXPENDITURES AT THE BOSTON CITY
HOSPITAL FOR THE FISCAL YEARS ENDING JANUARY 31, 1907, 1908,
1909, 1910, 1911, 1912.

POPULATION.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.
Number of inmates beginning fiscal year.....	700	766	784	859	817	780
Number received during year....	13,258	13,145	13,650	12,970	14,442	14,851
Number discharged during year, including deaths.....	13,192	13,127	13,575	13,012	14,479	14,826
Number at end of fiscal year.....	766	784	859	817	780	805
Daily average attendance (<i>i. e.</i> , number inmates actually present) during fiscal year.....	696.9	718.9	822.3	705.8	725.1	753.6
Average number officers and employees during fiscal year....	543.2	535.9	593.3	596.6	598.3	620.2
Total average — inmates, officers and employees.....	1,240.1	1,254.8	1,415.6	1,302.4	1,323.4	1,373.8
EXPENDITURES.						
Current expenditures:						
Salaries and wages.....	\$184,628 49	\$201,824 45	\$220,140 78	\$204,336 21	\$232,444 46	\$245,085 36
Clothing.....	2,052 75	2,184 15	2,552 76	2,098 27	1,917 11	2,446 86
Subsistence of patients and employees.....	127,932 06	126,589 35	142,568 87	138,004 28	138,697 51	131,059 86
Ordinary repairs and replacements.....	29,230 21	25,170 28	20,209 62	19,164 57	24,204 56	25,663 89
Office, domestic, outdoor expenses.....	140,302 70	128,837 71	144,801 27	138,363 99	136,587 56	147,282 96
Extraordinary expenses:						
New building, land.....	38 00					
Permanent improvements.....	2,850 01	1,009 32	21,727 70	100,018 47	2,022 10	
Grand totals.....	\$487,034 22	\$485,615 26	\$552,001 00	\$601,985 79	\$535,873 30	\$551,538 93
Deduct Out-Patient Department..	15,477 72	14,248 27	24,104 15	18,816 11	19,017 77	18,190 35
Totals.....	\$471,556 50	\$471,366 99	\$527,896 85	\$583,169 68	\$516,855 53	\$533,348 58
Deduct money paid to City Treasurer for pay patients, etc..	91,870 68	117,194 47	128,736 20	131,871 62	129,138 25	116,159 98
Totals.....	\$379,685 82	\$354,172 52	\$399,160 65	\$451,298 06	\$387,717 28	\$417,188 60

(These figures include all departments of the hospital except Out-Patient Departments.)

COMPARISON OF THE CENSUS AND EXPENDITURES.—*Concluded.*

	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.
Per capita cost per patient per week, including permanent improvements.....	\$12 98	\$12 57	\$12 29	\$15 85	\$13 67	\$13 57
Per capita cost per patient per week, exclusive of permanent improvements.....	12 90	12 55	11 78	13 13	13 62	13 57
Per capita cost per patient per week, deducting money paid to City Treasurer, including permanent improvements.....	10 94	9 81	9 60	12 26	10 26	10 62
Per capita cost per patient per week, deducting money paid to City Treasurer, also permanent improvements.....	10 86	9 79	9 09	9 55	10 20	10 62

(These figures include all departments of the hospital except Out-Patient Departments.)

The tables of disbursements in this report show the expenditures of the Hospital Department during the fiscal year February 1, 1911, to January 31, 1912, inclusive. Table No. 1 shows the disbursements according to various subdivisions. Table No. 2 shows the cost per patient per day in the different departments for the year ending January 31, 1912. Table No. 3 shows the cost per patient per day for the year ending January 31, 1912. Table No. 4 shows the operating expenses for the year ending January 31, 1912. Table No. 5 shows the disbursements from February 1, 1911, to January 31, 1912, inclusive, in all departments. Table No. 6 is a comparison of the census and expenditures at the Boston City Hospital for the fiscal years ending January 31, 1907, 1908, 1909, 1910, 1911, and 1912. Table No. 7 shows the comparative net cost per patient at the main hospital, including the South Department, for twelve years. Table No. 8 shows the cost of maintenance for a house officer per day for the year ending January 31, 1912. Table No. 9 shows the cost of maintenance for a nurse per day for the year ending January 31, 1912.

The total expenditures during the fiscal year for the Hospital Department, in its various branches, have been \$551,538.93 and the disbursements have been made as follows:

Hospital proper	\$359,365 04
Out-Patient Department	22,289 05

Carried forward \$381,654 09

<i>Brought forward</i>	\$381,654 09
South Department	107,095 75
Haymarket Square Relief Station	33,682 93
East Boston Relief Station	17,888 81
Convalescent Home	11,217 35
Total	<u>\$551,538 93</u>

Table No. 7.

STATEMENT OF NET PER CAPITA COST PER PATIENT,
MAIN HOSPITAL, INCLUDING SOUTH DEPARTMENT,
FOR PAST TWELVE YEARS.

YEAR.	Cost of Maintenance.	Paid into City Treasury.	Number of Weeks' Board.	Net Cost to the City per Year.	Net Cost per Week per Patient.
1900.....	\$400,787 62	\$68,594 47	36,821	\$332,193 15	\$9 02
1901.....	427,356 59	64,659 80	33,465	362,696 79	10 84
1902.....	416,499 23	73,885 39	30,233	342,613 84	11 33
1903.....	421,224 62	71,262 81	32,910	349,961 81	10 63
1904.....	422,093 02	59,218 00	32,262	362,875 02	11 25
1905.....	410,840 24	100,796 40	31,250	310,043 84	9 92
1906.....	431,394 73	91,189 60	34,696	340,205 13	9 81
1907.....	428,302 71	116,605 12	36,095	311,697 59	8 64
1908.....	451,130 64	128,297 52	41,552	322,833 12	7 77
1909.....	428,521 00	131,359 81	35,399	297,161 19	8 39
1910.....	450,812 13	128,475 04	36,369	322,337 09	8 86
1911.....	466,591 79	*115,330 32	37,564	351,261 47	9 35

* The income for all departments paid into city treasury during 1911-12 was..... \$116,159 98

Of the above amount there was received at Haymarket Square Relief Station:

Account board of paying patients..... \$626 41
Account sale of old material..... 7 75

\$634 16

East Boston Relief Station:

Account board of paying patients..... \$189 45
Account sale of old material..... 0 75

190 20

Convalescent Home:

Account sale of old material..... 5 30

829 66

Net amount paid into city treasury account main hospital..... \$115,330 32

Table No. 8.

COST OF MAINTENANCE FOR HOUSE OFFICERS AT HOSPITAL PROPER FOR YEAR ENDING JANUARY 31, 1912.

ITEMS.		Expenditures 1911-12.	Per Cap- ita Cost per Day.
Administration.			
Ten per cent salaries of executive assistants	\$428 00		
Telephone calls, house officers	525 00		
		\$953 00	\$0 071
Housekeeping:			
Wages — Care of rooms	\$384 00		
Housekeeping supplies	30 00		
Wages — House cleaners	67 00		
Supplies, soap, etc.	5 00		
		486 00	037
Equipment:			
Furniture and furnishings	\$74 00		
Bedding	35 00		
		109 00	007
Steward's Department:			
Salaries and wages (apportioned)	\$100 00		
Provisions and groceries	6,570 00		
		6,670 00	502
Kitchen and Dining Room:			
Wages — Kitchen (apportioned)	\$346 00		
Dining room	464 00		
		\$810 00	
Furnishings and Supplies:			
Kitchen supplies	\$10 00		
Dining room supplies	102 00		
		112 00	
Laundry		922 00	070
Heating and lighting		700 00	053
Board of employees who care for the house officers, etc.		1,650 00	124
Examinations, postage and petty expenses		910 00	069
		100 00	007
		<u>\$12,500 00</u>	
Days' board given house officers		13,263	
Cost per day			\$0 94
Cost per annum per house officer			\$344 00
Daily average number of house officers at hospital proper during 1911-12		36	

Table No. 9.

COST OF MAINTENANCE FOR NURSES AT HOSPITAL PROPER FOR YEAR ENDING JANUARY 31, 1912.

ITEMS.		Expenditures 1911-12.	Per Cap- ita Cost per Day.
Salaries:			
Superintendent of nurses and assistants	\$3,133 82		
Nurses	17,721 95		
		\$20,855 77	\$0 583
Nurses' Home and Vose House:			
Wages, domestics	\$3,719 90		
Repairs and expenses	625 75		
Wages, carpenters	\$104 50		
Materials	10 00		
		114 50	
Wages, painters	\$222 75		
Paints, etc.	150 00		
		372 75	
Painting by contract, Vose House		590 00	
		5,422 90	151
Carried forward		\$26,278 67	\$0 734

Table No. 9.—*Concluded.*COST OF MAINTENANCE FOR NURSES.—*Concluded.*

ITEMS.	Expenditures 1911-12.	Per Cap- ita Cost per Day.
<i>Brought forward</i>	\$26,278 67	\$0 734
Training School for Nurses:		
Salaries:		
Instructor of nurses and dietitian (\$1,369.66) 75%,	\$1,027 25	
Supplies and expenses, (\$331.06) 75%	248 25	
	1,275 50	036
Housekeeping:		
Housekeeping supplies	\$185 00	
Wages, house porters	28 00	
Wages, house cleaners	\$270 00	
Supplies for house cleaning, soap, etc.,	25 00	
	295 00	
	508 00	014
Equipment Vose House and Nurses' Home:		
Furniture	\$20 00	
Furnishings	260 00	
Bedding	154 00	
	434 00	012
Steward's Department:*		
Salaries and wages (apportioned)	\$200 00	
Provisions, meats, vegetables, etc.	\$14,190 00	
Groceries	1,060 00	
	15,250 00	
	15,450 00	432
Kitchen and Dining Room, Vose House:		
Kitchen, furnishings and supplies	\$16 83	
Dining room, furnishings and supplies	137 00	
	153 83	004
Heating and Lighting:		
Vose House and Nurses' Home	\$3,750 00	
Boilers and heating apparatus, repairs, etc.	375 00	
	4,125 00	115
Laundry	1,700 00	048
Care of grounds (apportioned)	400 00	012
Ice	450 00	013
Board of employees (elsewhere than at Vose House)	728 00	020
	<u>\$51,503 00</u>	
Days' board given nurses	35,770	
Cost per day		\$1 44
Cost per annum per nurse		\$525 00
Daily average number of nurses at hospital proper during 1911-12, including matron, etc.		98

* The actual uncooked food provided for nurses themselves cost 39 cents per day. The additional 4 cents is for food supplied domestics who cared for the nurses at Vose House.

The main hospital has four subdivisions, the hospital (wards) proper, Out-Patient Departments, the Pathological Department and the X-Ray Laboratory. The expenditures for the South Department for infectious diseases, the Haymarket Square Relief Station, the East Boston Relief Station and the Convalescent Home are kept in separate tables.

The expenditures upon the hospital proper and the South Department, together, were for the care of 13,777 patients in the wards for 262,946 days, or 37,564 weeks' board, which makes an average weekly cost of \$12.42, or a daily cost of \$1.77 for patients of all classes. The net cost per patient per week to the city was \$9.35. The cost of uncooked food supplies for all persons, including patients and the entire household at the

hospital proper and South Department, was \$118,580.58. The average number of patients was 720, of officers and employees, including house and nursing staff, 557, or a total daily average of 1,277 persons. The number of weeks' board for all persons was 66,592 and the weekly cost per person for uncooked food supplies was \$1.78, or $25\frac{3}{4}$ cents per day.

The annual cost of the main hospital and that of the South Department are kept separately, in order to know the comparative costs and for the proper financing of the heaviest expenditures of the Hospital Department. But, practically, both divisions are for patients suffering with acute illnesses, and separated for purely hygienic rather than for financial reasons. Considered from this point of view, as a part of one whole, the cost is as follows:

The average weekly expenditure per patient in the hospital proper was \$13.69; the South Department was \$9.45; or an average of \$12.42 for each patient in the two departments. After deducting the income received on account of paying patients, the cost was reduced in the main hospital to \$10.89, at the South Department to \$5.75; or for both departments together an average weekly per capita for each patient of \$9.35, which accurately represents what each patient cost the city. No account is made in this computation of either the Out-Patient Departments, Convalescent Home or the Relief Stations.

The total expenditures in the Hospital Department have been \$551,538.93, but the net cost to the city for maintaining the main hospital was only \$351,261.47.

The maximum number of patients in the hospital proper on any one day was 618, as against 513 in the previous year. The minimum number was 408, in comparison with 326 for the previous year. The daily average during the year was 505, and the average length of stay was $16\frac{3}{10}$ days.

There have been treated in the various Out-Patient Departments 38,129 patients, at a cost of \$22,289.05. Other statistics may be found elsewhere, including the number of out-patients, number of their visits, rate of mortality, work of ambulances, census of days' board for all persons, the nativity of patients admitted and physical condition of patients when discharged.

The total number of deaths from February 1, 1911, to January 31, 1912, was 1,434. This does not include

the statistics of the South Department, but only the main hospital.

Of the deaths, there occurred within 48

hours of admission	491, or $4\frac{3}{10}$ per cent.
Other deaths	943, or $8\frac{4}{10}$ per cent.

Total	1,434, or $12\frac{7}{10}$ per cent,
-----------------	--------------------------------------

the rate of mortality for the year ending January 31, 1912.

This percentage of deaths is for the *total number of patients treated* in the hospital. The deaths occurring within forty-eight hours of admission (491) were 34.24 per cent of the whole number of deaths (1,434).

During the year 11,271 patients were treated in the wards, 38,129 as out-patients, 341 at the Convalescent Home, 2,506 at the South Department; at the Haymarket Square Relief Station 1,300 were treated in the wards and 39,058 as out-patients, and at the East Boston Relief Station 213 were treated in the wards and 22,664 as out-patients,—a total of 115,482 who have received the benefits of the hospital in all departments.

During the year 12,988 persons applied for admission. Of this number 10,781 were admitted and 2,207 were rejected, the latter being 469 less than last year. The number rejected was 17 per cent of all persons applying, and the causes of rejection appear in the table of applicants not admitted, on page 25. Of the number applying 748 either changed their minds or were admitted later; of these 90 were received within three days after application and 60 admitted still later. There were 75 applicants rejected for want of vacant beds, but of these 50 were admitted later. There were 702 of these applicants who could be treated more properly in the various out-patient services without the additional cost of receiving them in the wards. Admission was denied to 122 for lack of information that they were suitable cases, but 17 were admitted later; and 262 were rejected as apparently incurable or unsuitable for treatment here. Various other causes of rejection appear in the tabulated form on page 25.

South Department.—The total expenditure for the South Department was \$107,095.75, against \$111,296.50 for the previous year and allowing for the difference in stock at the beginning and close of the year, the sum

of \$106,285.75 represents the cost of maintenance for the fiscal year. The per capita weekly cost at the South Department was \$9.45.

Out-Patient Services.— The expenditure in the various out-patient services was \$22,289.05.

Convalescent Home.— The cost of maintenance for the Convalescent Home was \$11,217.35. The daily average was $20\frac{4}{10}$ patients, and the average weekly cost \$10.61.

HAYMARKET SQUARE RELIEF STATION.

The following are the principal statistics of the Haymarket Square Relief Station for the year:

Number of patients remaining in Haymarket Square Relief Station January 31, 1911	7
Admitted from February 1, 1911, to January 31, 1912, inclusive	1,293
Treated during the year	1,300
Discharged during the year 1,100	
Died during the year 194	
	1,294
Number of patients remaining in Haymarket Square Relief Station January 31, 1912	6
Number of out-patients treated	39,058
Largest number of out-patients treated on any one day	218
Number of major surgical operations	114
Number of deaths	194
Number of deaths within twenty-four hours of admission	117
Number of days' treatment given patients in the wards	3,844
Largest number of ward patients on any one day	30
Smallest number of ward patients on any one day	3
Average stay of ward patients in days	2.96
Daily average in wards	10.5
Number of ambulance calls 1,698	
Number of ambulance trips for transfers of admitted patients to hospital proper 311	
Miscellaneous ambulance trips 42	
	2,051
Number of patients transferred to hospital proper	572
Number of cases brought in by police ambulances and patrol wagons	1,114

Number of cases brought in by carriages and automobiles	473
Total expenditures	\$33,682 93

EAST BOSTON RELIEF STATION.

The following are the principal statistics for the year:

Number of patients remaining in the East Boston Relief Station January 31, 1911	3
Admitted from February 1, 1911, to January 31, 1912, inclusive	210
Treated during the year	213
Discharged during the year	180
Died during the year	28
	208
Number of patients remaining in East Boston Relief Station January 31, 1912	5
Number of out-patients treated	22,664
Largest number of out-patients treated on any one day	127
Number of major surgical operations	112
Number of deaths	28
Number of deaths within twenty-four hours of admission	24
Number of days' treatment given patients in the wards	843
Largest number of ward patients on any one day	8
Smallest number of ward patients on any one day	0
Average stay of ward patients in days	4
Daily average in wards	2.3
Number of ambulance trips for transfers of admitted patients to hospital proper	60
Number of patients transferred to hospital proper	88
Number of cases brought by police ambulances, patrol wagons, carriages, automobiles, etc.	476
Total expenditures	\$17,888 81

CONVALESCENT HOME.

The statistics of the Convalescent Home, which has just completed its twenty-first year, are as follows:

Number of patients in Home January 31, 1911	26
Admitted during the year	315
Treated during the year	341
Discharged during the year	326
Number remaining in Home January 31, 1912	15
Largest number of patients on any one day	33

Smallest number of patients on any one day	8
Daily average number of patients	20.4
Average stay of patients in days	21.9
Total expenditures	\$11,217 35

The hospital carpenters during the year have been actively employed in easing doors and windows, repairing furniture and locks, and other necessary and important work. The hospital painters have done a great amount of work in painting walls, setting glass and painting iron furniture, not only at the main hospital, but at the South Department and Relief Stations. The painting of the iron furniture is a very important part of the work of the painters.

MEDICAL LIBRARY.

Number of books in library February 1, 1911	3,688
Number of books removed to storerooms during year	854
	2,834
Number of books added to library from February 1, 1911, to January 31, 1912:	
By purchase	95
By donation	26
	121
Number of books in library January 31, 1912	2,955

There have been received during the year 199 medical monographs and reprints, 144 hospital and health reports and 500 periodicals.

Four thousand seven hundred ninety-four index cards of patients' records have been written and filed, making the total number of cards available for use 282,796.

During the year a portion of the Patrick A. Collins Memorial Library Fund was transferred for the use of the Medical Library. Owing to this transfer it was made possible to purchase new and much needed books and also to install a card catalogue of all books now in the library. Many old and unused books have been removed to an adjoining room, to be easy of access, if necessary.

TRAINING SCHOOL FOR NURSES.

The Training School for Nurses has now completed its thirty-third year. The changes in the nursing staff during the year have been as follows:

SUMMARY FROM FEBRUARY 1, 1911, TO JANUARY 31, 1912.	
February 1, 1911, the number of nurses was	<u>156</u>

During the year nurses have left as follows:

Have been graduated	37	
Assistant promoted	1	
Night supervisor withdrawn	1	
Head nurses resigned	28	
Head nurses promoted	2	
Pupil nurses dropped	24	
Probationers dropped or not accepted	21	
Medfield Hospital nurses completed course	5	
Medfield Hospital nurses withdrawn	3	
Taunton Hospital nurses completed course	7	
New England Hospital nurses completed course	12	
Leonard Morse Hospital nurses completed course	4	
Graduate special nurses withdrawn	2	
Total vacancies		<u>147</u>
Number remaining	9	
Assistant appointed	1	
Graduates returned for positions	33	
Pupil nurses readmitted	18	
Medfield nurse returned for three years' course	1	
Probationers admitted	59	
Probationers readmitted	2	
Post graduates entered	4	
Pupils admitted from New England Hospital	12	
Pupils admitted from Leonard Morse Hospital	6	
Pupils admitted from Medfield Insane Hospital	10	
Pupils admitted from Taunton Insane Hospital	14	
Graduate special nurse employed	1	
Total remaining January 31, 1912		<u>170</u>

Nurses connected with the school, in the main hospital, January 31, 1912:

Assistant superintendents of nurses	3
Instructor of probationers	1
Head nurses	18
Senior assistant nurses (third year)	19
Senior assistant nurses (second year)	25
Junior assistant nurses	14
Carried forward	80

<i>Brought forward</i>	80	
Probationers	20	
New England Hospital nurses	3	
Leonard Morse Hospital nurses	2	
Taunton Insane Hospital nurses	5	
Post graduate nurses	4	
Senior pupils at Maternity Hospital	15	
Graduate special nurse	1	
	—	130

In the South Department, January 31, 1912:

Supervisor of nurses	1	
Head nurses	4	
Senior assistant nurse (third year)	1	
Senior assistant nurses (second year)	6	
Junior assistant nurses	13	
Medfield Hospital nurses	4	
Taunton Hospital nurses	2	
	—	31

Haymarket Square Relief Station:

Head nurse	1	
Graduate nurse	1	
Senior assistant nurse (third year)	1	
New England Hospital nurse	1	
	—	4

East Boston Relief Station:

Senior assistant nurses	3	
	—	3

Convalescent Home:

Matron	1	
Head nurse	1	
	—	2
		170

The Training School has graduated thirty-seven nurses during the year, making a total of 1,086 since it was organized. The history of these 1,086 graduates is approximately as follows:

Superintendents of hospitals or training schools	54	
Other positions in hospitals	47	
School nurses	9	
Milk and baby hygiene work	1	
Board of Health nurse	1	
District and settlement work nurses	3	
	—	
<i>Carried forward</i>	115	

<i>Brought forward</i>	115	
Harvard Dental School nurse	1	
Social Service work	4	
Tuberculosis nursing	6	
Private nursing	571	
Retired	70	
Married	260	
Died	59	
	—	<u>1,086</u>

The Superintendent of Nurses and her assistants have given 360 class recitations at the hospital proper and 159 at the South Department. The teacher of the preparatory class has held daily demonstrations and drills in the practice room and class instruction in the schoolroom. The school has received thirty lectures on Friday afternoons from members of the medical, surgical, neurological, gynæcological and pathological staffs.

The pupils of the third year have received medical and surgical clinical teaching from Dr. Elliott P. Joslin and Dr. David D. Scannell.

Miss Yeend, the dietitian, has given eighty lessons to the senior nurses, and has instructed the probationers in the preparation of the lighter diets and in the making of the various beverages for invalids.

Mrs. Gulli J. Callowhill has given seventy-two lessons in massage to classes of four pupils each.

During the year fifty-one of the third-year nurses have completed their obstetrical training, and fifteen are now taking that course.

Seven classes of probationers have entered this year. Forty-four pupils from affiliated schools and four post graduates have been admitted for courses of four and six months.

The third public graduating exercises of the Training School for Nurses were held in the amphitheater on May 26, 1911. An address was made by Dr. John G. Blake, one of the senior physicians. The diplomas were presented by the superintendent, Dr. John H. McCollom. Following this a reception was held in the Vose House.

CHANGES IN EXECUTIVE DEPARTMENT.

James J. Hepburn, M. D., served as temporary Executive Assistant from July 11 to September 21, also most of the time during October and November.

Mr. Hiram McKay, Steward since 1903, resigned in March.

In March Mr. George H. Jonah was appointed Supervisor-in-Chief.

In June Mr. Isaac B. Mills was appointed General Supervisor of Medical and Surgical Supplies.

In October Miss Rose F. Moran, Second Assistant Superintendent of Nurses, was transferred to the Haymarket Square Relief Station as Matron; and Miss Margaret J. Fallon, head nurse, was appointed Second Assistant Superintendent of Nurses.

At the Haymarket Square Relief Station Miss Lucretia S. Smart, Matron, resigned in February, and Mrs. Josephine L. Higgins, Matron of the East Boston Relief Station, was transferred to fill the vacancy. In October, upon Mrs. Higgins's resignation, Miss Rose F. Moran became Matron.

At the East Boston Relief Station Henry J. Fitz-Simmons, M. D., Resident Surgeon, resigned in May, and Dunlap P. Penhallow, M. D., Assistant Resident Surgeon, became Resident Surgeon; Francis T. Jantzen, M. D., was then appointed Assistant Resident Surgeon. When Mrs. Higgins was transferred to the Haymarket Square Relief Station, Miss Anna L. Gibson was appointed Matron of the East Boston Relief Station.

In the Pathological Department Lawrence J. Rhea, M. D., Assistant Pathologist, resigned to become Director of the Pathological Laboratory and Pathologist to the Montreal General Hospital; S. Burt Wolbach, M. D., was then appointed Assistant Pathologist. Oliver S. Hillman, M. D., First Assistant in Pathology, resigned in July; then Alexander M. Burgess, M. D., Second Assistant in Pathology, was promoted to be First Assistant in Pathology, and Richard S. Austin, M. D., graduating Pathological House Officer, was appointed Second Assistant in Pathology.

In the X-Ray Department the position of Assistant in the X-Ray Service was created, and James A. Honeij, M. D., Assistant to the Physician for X-Ray Service, was appointed to the position, beginning in July. Dr. Honeij resigned in November to take up work in South Africa, and Ralph D. Leonard, M. D., graduating Medical House Officer, was appointed Assistant in the X-Ray Service.

I wish to express my appreciation of the careful cooperation of the heads of departments during the year.

The cordial relations existing between the Staff and the Executive Department have been continued during the past year, which is a cause for congratulation.

In presenting the forty-eighth annual report, I wish to express my thanks to the Trustees for their continued support and confidence.

I have the honor to be,

Very respectfully,

Your obedient servant,

JOHN H. MCCOLLOM,

Superintendent and Medical Director.

MEDICAL AND SURGICAL STATISTICS.

MEDICAL DISEASES.

From February 1, 1911, to January 31, 1912, Inclusive.

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
SPECIFIC INFECTIOUS DISEASES.											
Typhoid Fever.....	5	111	66	177	127	21	2	....	18	168	14
Pneumonia.....	41	377	175	552	317	53	5	....	180	555	38
Diphtheria.....		2	1	3	.....	.....	3	.....	.....	3	....
Diphtheria and Scarlet Fever.....			1	1	.....	.....	.....	.....	.....	.....	1
Measles.....			2	2	2	.....	.....	.....	.....	2	....
Parotitis, Epidemic.....		2	2	4	2	1	.....	.....	.....	3	1
Pertussis.....		2	.....	2	1	1	.....	.....	.....	2	....
Varicella.....			1	1	1	.....	.....	.....	.....	1	....
Erysipelas.....	11	92	70	162	132	17	3	1	11	164	9
Malarial Fever.....		31	10	41	28	12	....	1	....	41	....
Influenza.....	2	24	20	44	35	8	.....	.....	.....	43	3
Septicæmia.....		9	5	14	.....	1	2	....	11	14	....
Syphilis.....	2	5	4	9	.....	5	3	....	2	10	1
Cerebro-spinal Fever.....		3	.....	3	.....	.....	.....	.....	3	3	....
Actinomycosis.....		1	.....	1	.....	.....	1	.....	.....	1	....
Typhoid Vaccination.....		2	.....	2	1	1	.....	.....	.....	2	....
Other diseases of this class,	1	7	6	13	4	4	3	1	2	14	....
CONSTITUTIONAL DISEASES.											
Rachitis.....			1	1	.....	1	.....	.....	.....	1	....
Diabetes Mellitus.....		11	14	25	.....	17	2	....	6	25	....
Diabetes Insipidus.....			1	1	.....	1	.....	.....	.....	1	....
Gout.....		2	.....	2	.....	2	.....	.....	.....	2	....
DISEASES OF THE RESPIRATORY SYSTEM.											
Coryza.....		1	.....	1	1	.....	.....	.....	.....	1	....

MEDICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Acute Pharyngitis.....	1	5	5	10	8	2	1	.....	.....	11	.....
Acute Tonsillitis.....	1	43	36	79	47	27	1	.....	.....	75	5
Acute Laryngitis.....	.....	.....	3	3	2	1	.....	.....	.....	3	.....
Peritonsillar Abscess.....	.....	.....	1	1	1	.....	.....	.....	.....	1	.....
OF THE BRONCHI.											
Bronchitis.....	10	59	39	98	25	78	1	.....	1	105	3
Broncho-Pneumonia.....	1	25	16	41	12	7	.....	.....	22	41	1
Asthma.....	1	8	9	17	.....	15	2	.....	1	18	.....
Bronchiectasis.....	.....	2	.....	2	.....	1	.....	.....	.....	1	1
OF THE LUNG.											
Tuberculosis.....	15	133	70	203	1	104	47	1	51	204	14
Emphysema.....	.....	1	.....	1	.....	1	.....	.....	.....	1	.....
Abscess.....	.....	4	4	8	.....	3	3	.....	2	8	.....
Atelectasis.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	1
OF THE PLEURA.											
Pleurisy.....	3	54	20	74	21	50	1	.....	1	73	4
Empyæma.....	2	16	4	20	.....	5	15	.....	2	22	.....
Pyopneumothorax.....	.....	1	.....	1	.....	.....	1	.....	.....	1	.....
Pleurodynia.....	.....	.....	1	1	.....	1	.....	.....	.....	1	.....
Pneumothorax.....	.....	2	.....	2	.....	1	.....	.....	1	2	.....
DISEASES OF THE CIRCULATORY SYSTEM.											
OF THE HEART AND ITS MEMBRANES.											
Pericarditis.....	.....	9	5	14	2	7	.....	.....	3	12	2
Endocarditis.....	16	154	124	278	.....	174	10	.....	64	248	46
Myocardial Disease.....	10	75	28	103	.....	70	9	.....	28	107	6
Neuroses.....	.....	2	2	4	.....	4	.....	.....	.....	4	.....
Acute Dilatation.....	.....	2	.....	2	.....	.....	.....	.....	2	2	.....
Other diseases.....	.....	2	1	3	1	1	.....	.....	1	3	.....
OF THE BLOOD VESSELS.											
Arteriosclerosis.....	5	53	9	62	.....	44	6	.....	15	65	2
Arterial Thrombosis.....	.....	1	.....	1	.....	.....	.....	.....	1	1	.....

MEDICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Arterial Embolism.....			1	1					1	1	
Aneurism, Thoracic.....	1	6	2	8		7			2	9	
Phlebitis.....		2	3	5		4	1			5	
Varicose Veins.....			1	1		1				1	
DISEASES OF THE BLOOD AND DUCTLESS GLANDS.											
Chlorosis.....	1	4	9	13		8			4	12	2
Anæmia (Secondary).....		3	4	7		5	1			6	1
Hæmophilia.....		2		2	1					1	1
Purpura Rheumatica.....	1		3	3	1	2				3	1
Leukæmia.....		2		2			1		1	2	
Hodgkin's Disease.....		1	1	2			1		1	2	
Addison's Disease.....		1		1					1	1	
Exophthalmic Goitre.....			1	1		1				1	
Henoch's Purpura.....		2		2	2					2	
DISEASES OF THE DI- GESTIVE ORGANS.											
Stomatitis.....			1	1					1	1	
Alveolar Abscess.....		1		1	1					1	
OF THE ESOPHAGUS.											
New growth.....	1	1	2	3			3		1	4	
Varices.....		1		1		1				1	
Stenosis.....		1		1			1			1	
OF THE STOMACH.											
Gastritis.....	1	22	17	39	11	24	2		1	38	2
Ulcer, Gastric or Duodenal,	3	13	27	40	8	23	7		2	40	3
Cancer.....	1	8	6	14		1	6	1	7	15	
Hypertrophic Stenosis of Pylorus.....		1		1			1			1	
Gastroduodenitis.....		5	1	6	5	1				6	
Other diseases of this class,	1	5	7	12	1	11	1			13	
OF THE INTESTINES.											
Catarrhal Enteritis.....		13	8	21	12	8			1	21	
Diarrhœa.....		5	1	6	4	1			1	6	

MEDICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Habitual Constipation....	1	9	11	20	10	11	....	....	....	21	....
Appendicitis.....	....	9	5	14	3	4	6	....	1	14	....
New growth.....	....	4	2	6	....	....	4	....	2	6	....
Gastroenteritis.....	....	7	2	9	9	....	....	....	....	9	....
Other diseases.....	....	7	5	12	2	3	5	....	2	12	....
OF THE LIVER, BILE-DUCTS AND PORTAL VEIN.											
Acute Catarrhal Angiocholitis.....	....	8	10	18	4	11	2	....	....	17	1
Cholecystitis.....	1	1	2	3	1	2	1	....	....	4	....
Gallstones.....	....	....	4	4	....	4	....	....	....	4	....
Chronic Interstitial Hepatitis.....	6	53	14	67	....	49	4	....	18	71	2
New growth.....	1	9	6	15	....	3	5	....	7	15	1
Icterus Neonatorum.....	....	....	1	1	....	....	....	....	1	1	....
OF THE PERITONEUM.											
Chronic Peritonitis.....	....	....	4	4	....	2	2	....	....	4	....
Tubercular Peritonitis.....	....	7	1	8	....	3	2	1	2	8	....
Pelvic Peritonitis.....	....	....	1	1	....	....	1	....	....	1	....
New growths.....	....	1	1	2	....	....	1	....	....	1	1
DISEASES OF THE URINARY SYSTEM.											
OF THE KIDNEY, PELVIS OF KIDNEY AND BLADDER.											
Nephritis.....	12	154	68	222	3	112	13	....	92	220	14
Tuberculosis.....	....	1	....	1	....	1	....	....	....	1	....
Pyelitis, Chronic.....	....	2	7	9	1	7	....	....	1	9	....
Renal Calculus.....	....	2	1	3	....	2	1	....	....	3	....
New growth.....	....	3	2	5	....	2	....	....	3	5	....
Cystitis.....	1	4	4	8	4	5	....	....	....	9	....
Uræmia.....	....	1	2	3	....	....	1	....	2	3	....
Other diseases of this class.....	....	4	1	5	2	....	2	1	....	5	....
DISEASES OF THE JOINTS.											
Atrophic Arthritis.....	....	1	4	5	....	4	....	....	....	4	1
Hypertrophic Arthritis....	1	3	5	8	....	6	2	....	....	8	1

MEDICAL DISEASES.—*Continued.*

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Infectious Arthritis.....	25	231	120	351	103	241	12	1	.....	357	19
Gouty Arthritis.....		5	.....	5	1	2	1	.....	.....	4	1
Sacroiliac Disease.....		1	.....	1	.....	1	.....	.....	.....	1	.....
DISEASES DUE TO ANIMAL PARASITES.											
Tænia.....		3	.....	3	2	1	.....	.....	.....	3	.....
Trichiniasis.....		2	1	3	2	1	.....	.....	.....	3	.....
POISONS.											
Alcohol.....	2	241	56	297	111	118	1	1	58	289	10
Arsenic.....		3	1	4	1	.....	.....	.....	3	4	.....
Ammonia.....		.....	2	2	1	1	.....	.....	.....	2	.....
Atropia.....		.....	1	1	1	.....	.....	.....	.....	1	.....
Carbolic Acid.....		1	2	3	1	1	.....	.....	1	3	.....
Illuminating Gas.....		20	15	35	21	8	1	.....	5	35	.....
Ivy.....		2	.....	2	1	1	.....	.....	.....	2	.....
Lead.....		7	.....	7	.....	5	.....	.....	1	6	1
Mercury.....		.....	4	4	3	.....	.....	.....	1	4	.....
Opium or Morphine.....		6	2	8	4	2	1	.....	1	8	.....
Opium Habit.....	1	1	2	3	.....	2	.....	.....	2	4	.....
Drug Poisoning.....		7	6	13	7	4	.....	.....	1	12	1
Sulpho-naphthol.....		2	5	7	4	3	.....	.....	.....	7	.....
Gasolene.....		.....	1	1	1	.....	.....	.....	.....	1	.....
Wood Alcohol.....		1	.....	1	.....	.....	.....	.....	1	1	.....
Insect Powder.....		.....	1	1	.....	.....	.....	.....	.....	.....	1
Smoke Inhalation.....		3	.....	3	1	1	1	.....	.....	3	.....
MISCELLANEOUS.											
Syncope.....		3	.....	3	.....	2	.....	1	.....	3	.....
Debility.....		19	24	43	9	29	3	.....	1	42	1
Exposure.....		1	.....	1	.....	.....	.....	.....	1	1	.....
Immersion.....		2	2	4	2	1	1	.....	.....	4	.....
Insolation and Heat Pros- tration.....		136	34	170	80	41	6	2	41	170	.....
Enteroptosis.....		.....	1	1	.....	1	.....	.....	.....	1	.....
Malingering.....		1	.....	1	1	.....	.....	.....	.....	1	.....

MEDICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Infancy.....		2	5	7	7					7	
Senility.....		2	2	4		1	2		1	4	
No disease.....		7		7	7					7	
Starvation.....		4	1	5	2	1			2	5	
No diagnosis.....		9	9	18	12	2		1	3	18	
Diseases of the Ear.....			3	3	3					3	
Gynæcological Diseases.....			14	14		6	6	1	1	14	
Surgical Diseases.....	2	18	16	34	1	14	11		10	36	
DISEASES OF THE SKIN.											
Dermatitis.....		3		3		2	1			3	
Eczema.....			1	1		1				1	
Herpes Zoster.....		1		1	1					1	
Scabies.....		2		2		1	1			2	
Erythema.....		2	3	5	3	2				5	
Psoriasis.....			1	1		1				1	
Sunburn.....		1		1	1					1	
Urticaria.....		1		1	1					1	
DISEASES OF THE MUSCLES.											
Lumbago.....	1	1		1	1	1				2	
Myalgia.....	1		2	2		3				3	
DISEASES OF THE PERIPHERAL NERVES.											
Neuralgia.....		2	1	3		3				3	
Sciatica.....	1	12	3	15	2	9	2			13	3
Multiple Neuritis.....		10	3	13		12	1			13	
Herpes Zoster.....		1		1		1				1	
Angioneurotic Edema.....		1		1	1					1	
Raynaud's Disease.....	1								1	1	
DISEASES OF THE SPINE.											
Fracture.....		1		1	1					1	
Dorsalgia.....		1		1		1				1	
DISEASES OF THE SPINAL CORD.											
Landry's Paralysis.....			1	1					1	1	
Multiple Sclerosis.....		1		1		1				1	

MEDICAL DISEASES.—*Concluded.*

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Spastic Spinal Paralysis.....			1	1		1				1	
Tabes Dorsalis.....		4	2	6		4	1		1	6	
Tumor.....		1	1	2			2			2	
DISEASES OF THE BRAIN.											
General Cerebral Affec- tions:											
Encephalomalacia.....		1	1	2			2			2	
General Paralysis.....	1	7	1	8		2	6		1	9	
Hæmorrhage.....	3	21	16	37	2	7	6		22	37	3
Hemiplegic States.....	1	1		1		1	1			2	
Meningitis, Epidemic Cerebro-spinal.....	1	3	4	7	2				5	7	1
Meningitis, Purulent.....		7	4	11					11	11	
" Tubercular..	1	13	7	20					21	21	
Edema.....		4		4					4	4	
Syphilis.....		3		3		2			1	3	
Tumor.....		1	2	3			3			3	
Mental Affections:											
Amentia (Confusional Insanity).....		1		1			1			1	
Dementia Præcox.....		1	1	2			2			2	
Feeble-minded.....		1		1				1		1	
Manic-depressive In- sanity.....		1	1	2			1	1		2	
Paranoia, Secondary.....		1		1				1		1	
Senile Dementia.....			1	1			1			1	
Other diseases of this class..		3	1	4	1	2	1			4	
NEUROSES AND CONDI- TIONS WITHOUT REC- OGNIZED PATHOLOGY.											
Chorea.....		3	1	4		4				4	
Epilepsy.....		4	1	5		5				5	
Hysteria.....			7	7		5	2			7	
Neurasthenia.....	2	4	15	19	3	16	1			20	1
Paralysis Agitans.....		1		1		1				1	
Vertigo.....			2	2	1	1				2	
Involution Psychosis.....		1		1			1			1	
Totals.....	203	2,589	1,429	4,018	1,265	1,649	280	17	785	3,996	225

SURGICAL DISEASES.

From February 1, 1911, to January 31, 1912, Inclusive.

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
GENERAL INJURIES.											
Abrasions.....		3		3		3				3	
Contusions.....	2	52	21	73		71	1		3	75	
Wounds.....	3	129	30	159		153	6	1	1	161	1
Gunshot.....		16	2	18		14			3	17	1
Amputations.....	1	20		20		18			3	21	
Multiple Injuries.....	3	50	13	63		46	1		18	65	1
Crushing Injuries.....		8		8		6				6	2
GENERAL DISEASES.											
Abscesses.....	1	7	14	21		20			1	21	1
Septicæmia.....		7	3	10					10	10	
Pyæmia.....		3		3					3	3	
Infection with Gas Bacillus..		1	1	2		1			1	2	
Tetanus.....		4		4		1			3	4	
Anthrax.....		3		3		3				3	
Septic processes.....	9	126	33	159		159	2		7	168	
Scarlatina.....		1		1				1		1	
Diabetes.....		3	1	4		2			2	4	
Tuberculosis.....		3	1	4			1		3	4	
Syphilis.....		12	5	17		15	1		1	17	
Actinomycosis.....		1		1					1	1	
Carcinomatosis.....		2	1	3			1		2	3	
SKIN.											
Wounds.....	2	41	10	51		50		1	2	53	
Burns.....	7	65	45	110		77			34	111	6
Frost-bite.....	1	10		10		6				6	5
Painful Scars.....			1	1		1				1	
Contracted Scars.....			2	2		1	1			2	

SURGICAL DISEASES.—*Continued.*

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Ulcer	1	11	11	22	...	23	...	...	...	23	...
Dermatitis.....	...	4	...	4	...	4	...	...	...	4	...
Furunculosis.....	...	11	9	20	...	20	...	...	...	20	...
Carbuncle.....	2	29	2	31	...	28	...	...	2	30	3
Erysipelas.....	...	21	11	32	...	29	...	...	2	31	1
Verruca.....	...	1	...	1	...	1	...	...	...	1	...
Sebaceous Cysts.....	...	2	2	4	...	4	...	...	...	4	...
Epidermoid Cancer.....	1	7	3	10	...	11	...	...	...	11	...
Pilo-nidal Sinus.....	...	3	2	5	...	4	...	...	...	4	1
Nails:											
Paronychia.....	...	1	2	3	...	3	...	...	...	3	...
MUSCLES, TENDONS AND FASCIAE.											
Muscles:											
Wounds, Contusions, etc.....	...	16	3	19	...	19	...	...	...	19	...
New Growths.....	...	1	...	1	...	1	...	...	...	1	...
Tendons:											
Division, Rupture, etc.....	...	22	4	26	...	24	...	1	...	25	1
Dupuytren's Contraction..	1	3	...	3	...	4	...	...	...	4	...
Hammer Toe.....	...	1	4	5	...	3	1	...	...	4	1
BURSÆ.											
Bursitis.....	3	18	11	29	...	30	...	...	1	31	1
BONES AND JOINTS.											
Fractures, Simple:											
Skull.....	3	12	4	16	...	6	1	...	12	19	...
Vault.....	...	10	3	13	...	8	...	...	4	12	1
Base.....	...	41	2	43	...	19	2	...	21	42	1
Facial Bones.....	...	6	...	6	...	6	...	...	...	6	...
Jaw.....	...	11	1	12	...	11	...	...	...	11	1
Nose.....	1	1	...	1	...	2	...	...	...	2	...
Coccyx.....	...	...	1	1	...	1	...	...	...	1	...
Vertebrae.....	3	17	4	21	...	20	...	...	3	23	1
Ribs.....	...	46	8	54	...	50	1	...	2	53	1
Sternum.....	...	2	...	2	...	2	...	...	...	2	...

SURGICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Clavicle.....		21	4	25	...	23	1	...	...	24	1
Scapula.....		2	...	2	...	...	...	1	1	2	...
Humerus.....	3	45	25	70	...	70	...	...	...	70	3
Radius.....		15	8	23	...	21	...	...	...	21	2
Colles' Fracture.....	1	7	8	15	...	13	...	...	1	14	2
Ulna.....		6	1	7	...	7	...	...	...	7	...
Both Bones, Forearm.....	1	8	4	12	...	12	...	...	1	13	...
Carpus.....		1	...	1	...	1	...	...	...	1	...
Metacarpus.....		1	1	2	...	2	...	...	...	2	...
Pelvis.....	1	16	3	19	...	17	...	...	...	17	3
Femur.....	23	109	63	172	...	121	1	1	25	148	47
Patella.....	3	25	6	31	...	28	1	...	1	30	4
Tibia.....	1	64	16	80	...	71	1	...	2	74	7
Fibula.....	2	57	20	77	...	76	...	1	...	77	2
Pott's Fracture.....		70	32	102	...	97	...	...	...	97	5
Bones of foot.....		39	3	42	...	40	...	...	1	41	1
Both bones of leg.....	6	73	16	89	...	77	1	...	5	83	12
External Malleolus.....		2	2	4	...	4	...	...	...	4	...
Fractures, Compound:											
Skull.....		2	1	3	...	2	...	...	1	3	...
Vault.....		15	2	17	...	10	...	...	7	17	...
Base.....		1	...	1	...	1	...	...	...	1	...
Facial bones.....		4	1	5	...	5	...	...	...	5	...
Jaw.....		3	...	3	...	3	...	...	...	3	...
Nose.....		3	1	4	...	4	...	...	...	4	...
Clavicle.....		1	...	1	...	1	...	...	...	1	...
Humerus.....	1	5	...	5	...	6	...	...	...	6	...
Radius.....		1	2	3	...	3	...	...	...	3	...
Ulna.....		3	...	3	...	3	...	...	...	3	...
Both bones, forearm.....	1	3	...	3	...	4	...	...	...	4	...
Bones of hand.....		21	...	21	...	21	...	...	...	21	...
Femur.....		8	...	8	...	4	...	...	3	7	1
Patella.....		3	...	3	...	3	...	...	...	3	...
Tibia.....	2	4	1	5	...	6	...	...	...	6	1
Pott's Fracture.....		1	...	1	...	1	...	...	...	1	...

SURGICAL DISEASES.—*Continued.*

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Both bones of leg.....	5	21	5	26	...	25	...	...	3	28	3
Bones of foot.....		18	2	20	...	18	1	...	...	19	1
Fractures Ununited:											
Humerus.....		2	1	3	...	3	...	...	...	3	...
Tibia.....		1	...	1	...	...	...	...	...	...	1
Both bones of leg.....		1	...	1	...	1	...	...	...	1	...
Jaw.....		1	...	1	...	1	...	...	...	1	...
Fractures not otherwise clas- sified.....		3	...	3	...	3	...	...	...	3	...
Separation of Epiphysis.....		2	1	3	...	1	...	...	...	1	2
Dislocations, Simple:											
Vertebrae.....		4	1	5	...	5	...	...	...	5	...
Clavicle.....		5	...	5	...	4	1	...	...	5	...
Humerus.....		6	12	18	...	18	...	...	...	18	...
Elbow joint.....		4	1	5	...	5	...	...	...	5	...
Bones of hand.....		2	...	2	...	2	...	...	...	2	...
Hip.....		2	1	3	...	3	...	...	...	3	...
Knee.....		1	1	2	...	2	...	...	...	2	...
Ankle.....		1	...	1	...	1	...	...	...	1	...
Bones of foot.....	1	1	...	1	...	2	...	...	...	2	...
Cartilage.....		4	1	5	...	5	...	...	...	5	...
Dislocations, Compound:											
Clavicle.....		1	...	1	...	1	...	...	...	1	...
Bones of hand.....		2	1	3	...	3	...	...	...	3	...
Cartilage.....		...	1	1	...	1	...	...	...	1	...
Sprains.....		29	10	39	...	38	...	...	...	38	1
Contusions.....		25	5	30	...	29	...	1	...	30	...
Synovitis.....		15	4	19	...	18	...	...	...	18	1
Hæmarthosis.....		1	...	1	...	1	...	...	...	1	...
Ruptured Ligament.....		...	1	1	...	1	...	...	...	1	...
Sacroiliac Strain.....		...	2	2	...	2	...	...	...	2	...
General Diseases:											
Osteomalacia.....		4	...	4	...	4	...	...	...	4	...
Rheumatoid Arthritis.....		2	4	6	...	6	...	...	...	6	...
Arthritis Deformans.....		2	...	2	...	1	1	...	...	2	...

SURGICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Necrosis.....		4		4		4				4	
Periostitis.....		3	4	7		7				7	
Osteomyelitis.....	3	45	18	63		46		2	8	56	10
Suppurative Arthritis.....	1	2	3	5		4	1			5	1
Tuberculosis.....	1	20	8	28		22	3			25	4
Syphilis.....		5		5		5				5	
Rheumatism.....		4	9	13		9	4			13	
Charcot's Disease.....			1	1		1				1	
Chronic Arthritis.....		4	5	9		6	1			7	2
Anchylolysis.....	1	2	3	5		6				6	
Exostosis.....			1	1		1				1	
Chondroma.....			1	1		1				1	
Osteoma.....		1		1		1				1	
Sarcoma.....		1	2	3		2	1			3	
Cancer.....		4		4		2	1			3	1
Deformities.....	1	7		7		8				8	
BLOOD SYSTEM.											
Wounds.....		8	2	10		10				10	
Phlebitis.....	1	9	3	12		11			1	12	1
Aneurism.....		1		1					1	1	
Varicose Veins.....	2	27	33	60		59	1		1	61	1
Gangrene.....	2	7	7	14		4	3	1	5	13	3
Nævus.....		1		1		1				1	
All other diseases.....		6	1	7		5	1		1	7	
LYMPHATIC SYSTEM.											
Lymphatic Vessels:											
Lymphangitis.....			1	1		1				1	
Lymph Nodes:											
Noditis.....		32	8	40		38	2			40	
Tuberculosis.....	1	10	18	28		27	1		1	29	
Syphilis.....		1	1	2		2				2	
Sarcoma.....		2		2		2				2	
Cancer.....		2	4	6		3			2	5	1
Lymphoma.....			4	4		4				4	

SURGICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Spleen:											
Rupture.....		1		1					1	1	
Pseudoleukæmia.....		1	1	2		1	1			2	
DUCTLESS GLANDS.											
Thyroid Gland:											
Exophthalmic Goitre.....		1		1			1			1	
Goitre.....			2	2		2				2	
NERVOUS SYSTEM.											
Brain:											
Contusion.....		14		14		11			1	12	2
Edema.....		3	1	4		1			3	4	
Concussion.....		24	1	25		25				25	
Compression from fracture,		1		1					1	1	
Compression from Extra-		1		1		1				1	
dural hæmorrhage.....											
Compression from Subdu-		1	1	2		1			1	2	
ral hæmorrhage.....											
Abscess.....		1	1	2					2	2	
Suppurative Meningitis...		2		2		1			1	2	
Tumors.....		4		4		1			1	2	2
Not otherwise classified...		5	5	10		7	1	1	1	10	
Spinal Cord:											
Compression from hæmor-		2		2		2				2	
rhage.....											
Tumors.....		3		3		2	1			3	
Tabes Dorsalis.....		1		1			1			1	
Peripheral Nerves:											
Division.....		1	1	2		2				2	
Compression.....		1		1		1				1	
Traumatic Neuritis.....		1		1			1			1	
Neuralgia.....		1	1	2		2				2	
RESPIRATORY SYSTEM.											
Nose:											
Cancer.....		1		1		1				1	
Deformities.....		2		2		2				2	

SURGICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Larynx:											
Wounds.....		1		1					1	1	
Cancer.....		1		1					1	1	
Sarcoma.....		1		1		1				1	
Trachea:											
Wounds.....		1	1	2		2				2	
Obstruction from pressure.....		1	2	3		3				3	
Lungs:											
Wounds, Gunshot.....		1		1		1				1	
Pneumonia.....			2	2					2	2	
Abscess.....		1	1	2		1				1	1
Tuberculosis.....		2		2		2				2	
Pleuræ:											
Wounds.....		2	1	3		3				3	
Pleuritis.....		3	1	4		3	1			4	
Empyæma.....	1	26	14	40		17	2		14	33	8
Hæmothorax.....		1		1		1				1	
Pneumothorax.....	1	1	1	2		2			1	3	
Pyo-pneumothorax.....		1		1					1	1	
Hydrothorax.....		3		3		3				3	
Tuberculosis.....		2		2			2			2	
DIGESTIVE SYSTEM.											
Mouth:											
Alveolar Abscess.....		5	3	8		8				8	
Stomatitis.....		1		1		1				1	
Cancer.....		1		1		1				1	
Undescended Tooth.....			1	1		1				1	
Cleft Palate.....		1		1		1				1	
Tonsil:											
Tonsillitis.....		2	1	3		2			1	3	
Peritonsillar Abscess.....		1		1		1				1	
Cancer.....		3	1	4		3	1			4	
Parotid, Submaxillary and other Salivary Glands:											
Salivary Calculus.....			1	1		1				1	

SURGICAL DISEASES.—*Continued.*

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Parotitis.....			1	1		1				1	
Ranula.....		1		1		1				1	
Tongue:											
Wounds.....		2		2		2				2	
Epidermoid Cancer.....	1	1		1			1		1	2	
Sarcoma.....		1		1		1				1	
Pharynx and Soft Palate:											
Syphilis.....		1		1		1				1	
Œsophagus:											
Stricture.....		2		2		1	1			2	
Diverticula.....		2		2			1		1	2	
Sarcoma.....		1		1					1	1	
Cancer.....			1	1			1			1	
Stomach:											
Ulcer.....		24	9	33		21			11	32	1
Pyloric Constriction.....	1	1		1		1			1	2	
Dilated Stomach.....			1	1					1	1	
Cancer.....	1	13	11	24		8	5	1	11	25	
Intestine:											
Rupture.....		3		3		1			2	3	
Ulcer of the Duodenum.....		6	2	8		5			3	8	
Fæcal Fistula.....	1	2	1	3		4				4	
Adhesions.....			1	1							1
Tuberculosis.....		1		1		1				1	
Foreign bodies.....		1		1		1				1	
Obstruction.....	1	17	14	31		26			6	32	
Intussusception.....		2		2		1			1	2	
Volvulus.....		1	2	3		1			2	3	
Stricture.....		1		1					1	1	
Cancerous.....		7	4	11		6			4	10	1
Meckel's Diverticulum.....		2		2		1			1	2	
Not otherwise classified.....		2		2			1		1	2	
Syphilis.....		1		1				1		1	
Cancer.....		6	5	11		2	3	2	4	11	
Sarcoma.....		1		1					1	1	

SURGICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Appendix:											
Appendicitis.....	22	259	206	465	....	421	....	2	35	458	29
Mesentery:											
Thrombosis of Arteries or Veins.....		1	....	1	....	....	....	....	1	1	....
Tuberculosis.....		1	1	2	....	2	....	....	....	2	....
Tabes Mesentericus.....		1	....	1	....	....	....	....	1	1	....
Omentum:											
Cancer.....		....	1	1	....	1	....	....	....	1	....
Rectum and Anus:											
Wounds.....		1	1	2	....	1	....	....	1	2	....
Fissures.....	1	....	2	2	....	3	....	....	....	3	....
Foreign bodies.....		....	1	1	....	1	....	....	....	1	....
Ischio-rectal Abscess.....	2	48	12	60	....	57	....	1	2	60	2
Fistula.....	3	34	14	48	....	48	....	1	2	51	....
Ulcer.....		1	....	1	....	1	....	....	....	1	....
Proctitis.....		1	....	1	....	1	....	....	....	1	....
Hæmorrhoids.....	2	66	32	98	....	89	3	2	1	95	5
Polyp.....		....	1	1	....	1	....	....	....	1	....
Cancer.....		6	1	7	....	4	2	....	1	7	....
Other tumors.....		1	....	1	....	1	....	....	....	1	....
Stricture.....		....	1	1	....	1	....	....	....	1	....
Cancerous.....		1	1	2	....	2	....	....	....	2	....
Pruritis.....		1	....	1	....	1	....	....	....	1	....
Prolapse of Rectum.....		6	6	12	....	9	1	....	....	10	2
Liver:											
Rupture.....		3	....	3	....	....	....	....	2	2	1
Abscess.....		4	1	5	....	2	....	....	3	5	....
Pyogenic.....		1	....	1	....	1	....	....	....	1	....
Subphrenic Abscess.....		1	....	1	....	1	....	....	....	1	....
Syphilis.....		1	....	1	....	1	....	....	....	1	....
Cancer.....		5	4	9	....	3	....	....	6	9	....
Cirrhosis.....	1	4	1	5	....	5	....	....	1	6	....
Gall Bladder and Ducts:											
Cholecystitis.....	3	8	12	20	....	17	....	....	4	21	2

SURGICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Gallstones.....	3	11	39	50	....	41	1	1	7	50	3
Pancreas:											
Pancreatitis.....		1	4	5	....	....	....	....	5	5	....
Peritoneum:											
Peritonitis.....		4	1	5	....	3	....	....	2	5	....
Tubercular.....		4	4	8	....	6	1	....	1	8	....
Cancerous.....		1	1	2	....	....	1	....	1	2	....
Retroperitoneal Abscess.....		....	1	1	....	....	....	....	1	1	....
Hernia:											
Inguinal.....	9	183	11	194	....	176	3	1	11	191	12
Femoral.....		5	12	17	....	15	....	....	2	17	....
Umbilical.....		6	18	24	....	19	2	1	1	23	1
Ventral.....		4	6	10	....	8	....	....	....	8	2
Other varieties.....		3	2	5	....	3	....	....	2	5	....
URINARY SYSTEM, MALE AND FEMALE.											
Bladder:											
Wounds.....		2	2	4	....	2	....	....	2	4	....
Urinary Fistula.....		....	1	1	....	....	....	....	....	....	1
Cystitis.....	1	5	3	8	....	6	3	....	....	9	....
Calculus.....		3	1	4	....	2	....	....	....	2	2
Foreign body.....		1	....	1	....	1	....	....	....	1	....
Papilloma.....		3	....	3	....	3	....	....	....	3	....
Cancer.....		....	1	1	....	....	1	....	....	1	....
Diverticulum.....		1	....	1	....	....	....	....	1	1	....
Other diseases.....		2	....	2	....	2	....	....	....	2	....
Ureters:											
Calculus.....		2	1	3	....	3	....	....	....	3	....
Kidney:											
Contusions.....		1	....	1	....	1	....	....	....	1	....
Rupture.....		6	....	6	....	6	....	....	....	6	....
Pyelitis.....	1	7	11	18	....	18	....	1	....	19	....
Perinephritic Abscess.....		1	2	3	....	2	....	....	1	3	....
Hydronephrosis.....	1	1	2	3	....	4	....	....	....	4	....
Pyonephrosis.....		2	3	5	....	3	....	....	1	4	1

SURGICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Calculus.....	1	11	4	15	...	13	2	...	...	15	1
Tuberculosis.....	1	3	2	5	...	4	1	...	1	6	...
Hypernephroma.....		2	...	2	...	1	...	...	1	2	...
Tumors.....			2	2	...	1	...	...	1	2	...
Movable Kidney.....		1	5	6	...	6	...	...	...	6	...
Renal Colic.....			2	2	...	2	...	...	...	2	...
Acute Nephritis.....			1	1	...	1	...	...	...	1	...
GENITAL SYSTEM, MALE.											
Penis:											
Adherent Prepuce.....		4	1	5	...	5	...	...	...	5	...
Herpes.....		1	...	1	...	1	...	...	...	1	...
Balanitis.....		1	...	1	...	1	...	...	...	1	...
Chancroid.....		3	...	3	...	3	...	...	...	3	...
Gangrene.....		1	...	1	...	1	...	...	...	1	...
Cancer.....	1	1	...	1	...	2	...	...	...	2	...
Phimosis.....		8	...	8	...	7	...	1	...	8	...
Paraphimosis.....		4	...	4	...	4	...	...	...	4	...
Hypospadias.....		2	...	2	...	1	...	1	...	2	...
Urethra:											
Rupture.....		6	...	6	...	4	...	...	2	6	...
Urethritis.....		21	...	21	...	19	1	1	...	21	...
Periurethral Abscess.....		7	...	7	...	6	...	...	...	6	1
Stricture.....	4	37	...	37	...	33	...	4	2	39	2
Extravasation of Urine.....		8	...	8	...	5	...	...	3	8	...
Prostate:											
Prostatitis.....		2	...	2	...	1	...	...	...	1	1
Abscess.....		3	...	3	...	3	...	...	...	3	...
Tuberculosis.....		1	...	1	...	1	...	...	...	1	...
Hypertrophy.....	4	28	...	28	...	23	...	...	9	32	...
Cancer.....		6	...	6	...	2	1	...	2	5	1
Calculus.....		1	...	1	...	1	...	...	...	1	...
Testicles:											
Contusions.....		2	...	2	...	2	...	...	...	2	...
Abscess.....		2	...	2	...	1	...	...	...	1	1

SURGICAL DISEASES.—Continued.

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Tuberculosis.....		5		5		5				5	
Cancer.....		1		1		1				1	
Adenocarcinoma.....		1		1		1				1	
Teratoma.....		1		1		1				1	
Undescended Testicle.....		9		9		8		1		9	
Epididymitis.....	1	36		36		34	1	1		36	1
Cord and Vas Deferens:											
Hydrocele.....		8		8		7			1	8	
Varicocele.....		14		14		13				13	1
Tunica Vaginalis:											
Hydrocele.....		14		14		13				13	1
Injection of Salvarsan.....		1		1		1				1	
GENITAL SYSTEM, FEMALE.											
Vulva:											
Chancroid.....			3	3		3				3	
Urethral Caruncle.....			1	1		1				1	
Uterus:											
Endometritis.....			4	4		4				4	
Fibromyomata.....			5	5		3			2	5	
Epidermoid Cancer.....			4	4		4				4	
Cancer.....			4	4		3		1		4	
Retroversion.....			2	2		2				2	
Cervix Uteri:											
Cancer.....			1	1			1			1	
Fallopian Tubes:											
Salpingitis.....	1		37	37		32	1		2	35	3
Hydrosalpinx.....			3	3		3				3	
Tubal Pregnancy.....			7	7		6				6	1
Ovaries:											
Cysts.....			11	11		10		1		11	
Dermoid.....			1	1		1				1	
Parovarian Cysts.....			1	1		1				1	
Pelvis:											
Peritonitis.....			4	4		3			1	4	

SURGICAL DISEASES.—*Concluded.*

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Pelvic Abscess.....			6	6		6				6	
Pelvic Inflammation.....			1	1		1				1	
BREAST.											
Abscess.....	1		13	13		14				14	
Mastitis.....			12	12		12				12	
Tuberculosis.....			1	1		1				1	
Cancer.....	1		23	23		19			5	24	
Sarcoma.....			2	2		2				2	
Other tumors.....			8	8		8				8	
TUMORS NOT OTHERWISE CLASSIFIED.											
Fibroma.....			1	1		1				1	
Lipoma.....		5	7	12		10			2	12	
Carcinoma.....	3		2	2		3	2			5	
Sarcoma.....	1	2	1	3					3	3	1
Dermoid Cysts.....		1		1		1				1	
Other tumors.....		6	1	7		5				5	2
UNCLASSIFIED.											
Cellulitis.....	4	85	41	126		106		1	6	113	17
Foreign bodies.....		19	14	33		31	1	1		33	
Flat Foot.....			3	3		3				3	
Poisoning by drugs.....		1	1	2		2				2	
Delirium Tremens.....		5		5		2			3	5	
Medical diseases.....	1	46	26	72		58	5	1	9	73	
Transferred to other depart- ments.....		8	4	12		3	1	8		12	
Eloped.....		2		2				2		2	
Not treated.....		1	1	2		1		1		2	
No disease.....	1	3	5	8		5		4		9	
No diagnosis.....	1	6	2	8		7		1	1	9	
Not otherwise classified.....	1	6	3	9		6	1		3	10	
Totals.....	191	3,273	1,484	4,757		4,059	107	55	460	4,681	267

SURGICAL OPERATIONS.

ON HOUSE PATIENTS IN THE SURGICAL SERVICES.

From February 1, 1911, to January 31, 1912, Inclusive.

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
DRESSING OF WOUNDS.										
Including cleansing, curetting, suturing, etc.....	28	6	34	....	33	....	....	1	34	Septicæmia, 8 days. Septicæmia, 2 days. Septicæmia, 4 days. Septicæmia, 3 days. Septicæmia, 6 days. Septicæmia, 8 days. Septicæmia, 11 days. Septicæmia, 10 days. Septicæmia, 17 days. Septicæmia, 4 weeks. Septicæmia, 36 hours. Pneumonia, 2 days. Pneumonia, 2 days. Pneumonia, 4 days. Pneumonia, 6 days. Pneumonia, 6 days. Pneumonia, 8 days. Pneumonia, 19 days. Pneumonia, 4 days. Toxæmia, 12 days. Pyæmia, 2 days. Sarcoma, 11 days. Exhaustion, 1 day. Edema of brain, 2 weeks. Diabetic Coma, 2 days. Edema of Brain, 2 days. Peritonitis, 17 days.
Incision and drainage....	293	103	396	....	336	....	34	26	396	Septicæmia, 12 hours. Pneumonia, 4 days. Exhaustion, 4 days.
Excision of tissue.....	42	26	68	....	59	....	6	3	68	Pneumonia, 4 days.
Operations upon skin and appendages.....	13	9	22	....	20	....	1	1	22	Pneumonia, 4 days.
Operations upon Bones:										
Bone Plating.....	8	3	11	....	7	....	4	....	11	
For Fracture:										
Simple.....	41	15	56	....	46	1	9	....	56	
Compound.....	54	4	58	....	46	1	8	3	58	Septicæmia, 6 hours. Septicæmia, 32 days. Shock, 12 hours.
For correction of deformity.....	16	10	26	....	22	....	4	....	26	

SURGICAL OPERATIONS. — *Continued.*

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
For osteomyelitis.....	20	5	25	....	20	....	2	3	25	{Septicæmia, 10 days. Septicæmia, 4 days. Pneumonia, 3 days.
For tuberculosis.....	2	....	2	....	2	....	....	....	2	
Excision of bone.....	3	1	4	....	1	....	1	2	4	{Septicæmia, 4 days. Pneumonia, 2 days.
Trephining:										
a. Exploration.....	8	1	9	....	3	....	....	6	9	{Shock, 6 hours. Shock, 10 hours. Shock, 21 hours. Shock, 36 hours. Hæmorrhage, 13 hours. Meningitis, 4 days.
b. For bony lesions....	5	1	6	....	4	....	1	1	6	Hæmorrhage, 2 weeks,
c. For brain lesions....	10	....	10	....	4	....	2	4	10	{Pneumonia, 3 days. Pneumonia, 8 days. Edema of Brain, 12 days. Shock, 10 hours.
d. Upon bones other than skull.....	3	....	3	....	2	....	1	....	3	
e. Laminectomy.....	1	....	1	....	1	....	....	....	1	
Amputations:										
a. Finger or toe.....	38	7	45	....	41	....	4	....	45	
b. Upper Extremity:										
Hand.....	2	....	2	....	2	....	....	....	2	
Arm.....	3	....	3	....	3	....	....	....	3	
c. Lower Extremity:										
Foot.....	5	....	5	....	2	....	3	....	5	
Leg.....	8	....	8	....	4	....	3	1	8	Shock, 18 hours.
Thigh.....	9	....	9	....	7	....	....	2	9	{Shock, 4 hours. Diabetic Coma, 5 days.
Operations upon Joints and Ligaments:										
a. Reduction of dislocation.....	15	3	18	....	15	....	3	....	18	
b. Incision and drainage.	11	6	17	....	10	....	7	....	17	
c. Resection or excision.	10	3	13	....	13	....	....	....	13	
d. Erasion.....	1	....	1	....	1	....	....	....	1	
e. Arthrodesis.....	1	....	1	....	1	....	....	....	1	
f. Foreign bodies.....	2	....	2	....	2	....	....	....	2	
Operations upon muscles and tendons.....	16	4	20	....	19	....	1	....	20	

SURGICAL OPERATIONS.— *Continued.*

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
Operations upon Blood Vessels:										
<i>a.</i> Arterial:										
Ligation or suture..	2	....	2	....	2	....	....	....	2	
Dissection and removal.....	3	2	5	....	5	....	....	....	5	
<i>b.</i> Venous:										
For hæmorrhage.....	....	2	2	....	2	....	....	....	2	
Dissection and removal.....	47	19	66	....	59	....	6	1	66	Erysipelas, 3 weeks.
Transfusion.....	1	....	1	....	1	....	....	....	1	
Operations upon Lymphatic System:										
<i>a.</i> Neck.....	19	17	36	....	29	....	6	1	36	Septicæmia, 5 weeks.
<i>b.</i> Axilla.....	6	1	7	....	7	....	....	....	7	
<i>c.</i> Groin.....	3	1	4	....	4	....	....	....	4	
Operations upon Nervous System:										
<i>a.</i> Brain.....	1	1	2	....	....	....	....	2	2	{ Shock, 4 days. Shock, 2 days.
<i>b.</i> Cord.....	2	....	2	....	1	....	1	....	2	
<i>c.</i> Peripheral.....	1	4	5	....	5	....	....	....	5	
Operations upon Alimentary System, not involving Abdominal Section:										
<i>a.</i> Mouth, tongue, salivary glands.....	4	2	6	....	6	....	....	....	6	{ Septic Pneumonia, 15 days.
<i>b.</i> Pharynx.....	....	1	1	....	....	....	....	1	1	
<i>c.</i> Oesophagus.....	4	....	4	....	3	....	1	....	4	
<i>d.</i> Rectum.....	16	6	22	....	17	....	4	1	22	{ Peritonitis and Shock, 5 days.
<i>e.</i> Anus.....	3	1	4	....	3	....	1	....	4	
Fistula.....	35	15	50	....	42	....	7	1	50	Pneumonia, 16 days.
Hæmorrhoids.....	92	22	114	....	103	....	10	1	114	{ Edema of Brain, 10 days.
Operations upon the Respiratory System:										
<i>a.</i> Trachea.....	3	....	3	....	3	....	....	....	3	
<i>b.</i> Lungs and bronchi..	4	2	6	....	3	....	1	2	6	{ Shock, 20 hours. Exhaustion, 24 days.
<i>c.</i> Pleura.....	13	3	16	....	6	....	7	3	16	{ Pneumonia, 6 days. Myocarditis, 2 months Septicæmia, 19 days.

SURGICAL OPERATIONS.— *Continued.*

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
Operations upon Urinary System:										
<i>a. Male:</i>										
Kidney.....	10	.....	10	.....	7	.....	3	.....	10	
Ureter.....	1	.....	1	.....	1	.....			1	
Bladder.....	8	.....	8	.....	4	.....	2	2	8	{ Shock, 6 days. Uræmia, 14 hours.
Urethra.....	52	.....	52	.....	42	.....	7	3	52	{ Shock, 4 days. Shock, 18 hours. Septicæmia, 2 days.
<i>b. Female:</i>										
Kidney.....		13	13	.....	9	.....	1	3	13	{ Shock, 12 hours. Shock, 12 hours. Toxæmia, 10 days.
Ureter.....		1	1	.....	1	.....			1	
Bladder.....		2	2	.....				2	2	{ Shock on table. Intestinal Obstruction, 2 days.
Urethra.....		1	1	.....	1	.....			1	
Operations upon Genital System, not involving Abdominal Section:										
<i>a. Male:</i>										
Penis.....	3	.....	3	.....	3	.....			3	
Testicle.....	56	.....	56	.....	51	1	3	1	56	Septicæmia, 14 days.
Prostate.....	20	.....	20	.....	13	1	1	5	20	{ Shock, 30 hours. Shock, 36 hours. Shock, 3 days. Shock, 1 day. Senility, 23 days.
<i>b. Female:</i>										
Vagina.....		4	4	.....	2	.....	1	1	4	{ Carcinoma and Shock, 7 days.
Uterus.....		4	4	.....	4	.....			4	
Hernia:										
<i>a. Inguinal.....</i>	180	11	191	.....	160	.....	27	4	191	{ Shock, 12 hours. Peritonitis, 72 hours Pneumonia, 6 days. Strangulation, 1 day.
<i>b. Femoral.....</i>	3	12	15	.....	14	.....		1	15	Pneumonia, 3 days.
<i>c. Umbilical.....</i>	2	6	8	.....	6	.....	2		8	
<i>d. Post operative.....</i>	5	5	10	.....	8	.....	2		10	
<i>e. Other forms.....</i>	7	6	13	.....	8	.....	1	4	13	{ Shock, 36 hours. Shock, 2 days. Shock, on table. Peritonitis, on table.
Operations upon Organs of Special Sense:										
<i>a. Nose.....</i>	1	.....	1	.....	1	.....			1	

SURGICAL OPERATIONS.—*Continued.*

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
Abdominal Section:										
a. Exploratory.....	24	35	59	....	30	6	8	15	59	{ Dilatation of Heart, 6 days. Cancer, 1 day. Cancer, 3 days. Cancer, 4 days. Cancer, 7 days. Cancer, 8 days. Cancer, 10 days. Cancer, 11 days. Shock, 2 days. Shock, 8 days. Shock, 70 hours. Peritonitis, on table. Peritonitis, 36 hours. Peritonitis, 8 days. Gastric Ulcer, 9 days.
b. Stomach.....	23	3	26	....	12	....		12	26	{ Cancer, 2 days. Cancer, 4 days. Cancer, 8 days. Cancer, 12 days. Peritonitis, 2 days. Peritonitis, 4 days. Peritonitis, 5 days. Peritonitis, 36 hours. Shock, 8 days. Exhaustion, 5 days. Gastric Ulcer, 4 days.
Gastro-enterostomy,	3	3	6	....	4	....	....	2	6	{ Myocarditis, 10 days. Carcinoma, 3 days.
c. Duodenum.....	3	3	6	....	3	....	1	2	6	{ Shock, on table. Peritonitis, 8 hours.
d. Small intestine.....	10	....	10	....	3	....	1	6	10	{ Peritonitis, 5 hours. Peritonitis, 10 hours. Peritonitis, 39 hours. Cancer, 2 months. Cardiac, 18 hours. Shock, 4 days.
e. Colon.....	6	5	11	....	4	....	4	3	11	{ Shock, 8 hours. Shock, 32 hours. Sarcoma, 10 months.
f. Appendix:										
a. Acute:										
Preperforative...	172	114	286	....	240	....	33	13	286	{ Shock, 6 hours. Shock, 8 hours. Peritonitis, 3 days. Peritonitis, 2 days. Peritonitis, 2 days. Peritonitis, 6 days. Peritonitis, 7 days. Peritonitis, 7 days. Pneumonia, 2 days. Pneumonia, 3 days. Pneumonia, 3 days. Pneumonia, 3 days. Embolus, 10 days. Shock, 4 hours.
With Localized Abscess.....	63	33	96	....	76	....	14	6	96	{ Septicæmia, 2 days. Septicæmia, 2 days. Septicæmia, 3 days. Peritonitis, 2 days. Peritonitis, 3 days. Peritonitis, 5 days.

SURGICAL OPERATIONS.—*Continued.*

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
<i>f. Appendix:</i>										
<i>a. Acute:</i>										
With Diffuse Peritonitis....	15	7	22	....	18	....	....	4	22	{ Shock, 3 days. Septicæmia, 12 hours. Septicæmia, 6 days. Peritonitis, 2 days.
With General Peritonitis....	12	7	19	....	3	....	2	14	19	{ Shock, 3 days. Shock, 8 hours. Shock, 12 hours. Shock, 18 hours. Shock, 36 hours. Peritonitis, 5 days. Peritonitis, 5 days. Peritonitis, 7 days. Peritonitis, 12 days. Peritonitis, 18 days. Peritonitis, 21 days. Peritonitis, 33 days. Peritonitis, 29 hours. Septicæmia, 3 days.
<i>b. Interval</i>	24	31	55	....	53	....	2	....	55	
<i>g. Liver</i>	6	3	9	....	5	....	1	3	9	{ Shock, 6 hours. Shock, 10 hours. Abscess of Liver, 7 days.
<i>h. Gall bladder and bile ducts</i>	18	40	58	....	42	....	4	12	58	{ Shock, 6 days. Shock, 4 days. Shock, 20 hours. Peritonitis, 2 days. Peritonitis, 4 days. Peritonitis, 36 hours. Exhaustion, 6 days. Exhaustion, 6 days. Pneumonia, 2 days. Septicæmia, 11 days. Pneumonia, 21 days. Dilated Heart, 4 days.
<i>i. Pancreas</i>	1	3	4	....	....	....	....	4	4	{ Pancreatitis, 1 hour. Pancreatitis, 12 hours. Peritonitis, 8 hours. Peritonitis, 14 hours.
<i>j. Mesentery and Omentum</i>	1	2	3	....	1	....	....	2	3	{ Shock, 4 hours. Hæmorrhage, 36 hours.
<i>k. Uterus and Appendages</i>.....	....	63	63	....	49	....	7	7	63	{ Shock, 6 hours. Shock, 7 hours. Shock, 8 hours. Shock, on table. Septicæmia, 5 hours. Septicæmia, 8 hours. Hæmorrhage, 2 days.
<i>l. Peritonitis, origin undetermined</i>	1	3	4	....	2	....	....	2	4	{ Peritonitis, 3 days. Peritonitis, 5 days.
<i>m. Peritonitis, tuberculous</i>	3	3	6	....	4	....	....	2	6	{ Shock, 8 hours. Peritonitis, 10 days.
<i>n. Pelvic abscess</i>.....	....	3	3	....	3	....	....	....	3	
<i>o. Glands of abdomen and testicle</i>	1	....	1	....	1	....	....	....	1	

SURGICAL OPERATIONS.—*Concluded.*

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
Operations upon Tumors, not involving Abdominal Section:										
a. Benign.....	1	1	1	....	1	....	....	....	1	
Back.....	1	1	1	....	1	....	....	....	1	
Face.....	3	3	6	....	5	....	1	....	6	
Breast.....	12	12	12	....	12	....	....	....	12	
Thyroid.....	2	2	2	....	2	....	....	....	2	
b. Malignant:										
Face.....	5	1	6	....	4	....	2	....	6	{ Cancer, 2 weeks. Septicæmia, 2 days. Septicæmia, 8 days.
Breast.....	21	21	21	....	17	....	1	3	21	
Neck.....	1	2	3	....	3	....	....	....	3	
Penis.....	1	....	1	....	1	....	....	....	1	
Ribs.....	1	....	1	....	....	....	....	1	1	{ Shock and Asthenia, 18 hours.
Plastic Operations, for:										
a. Deformities.....	1	1	1	....	1	....	....	....	1	
b. Skin Grafts.....	7	2	9	....	9	....	....	....	9	
c. Wounds and Scars...	7	2	9	....	8	....	1	....	9	
Foreign bodies.....	33	14	47	....	46	....	1	....	47	
Unclassified.....	3	....	3	....	3	....	....	....	3	
Cystoscopy.....	19	11	30	....	28	1	1	....	30	
Proctoscopy.....	1	2	3	....	3	....	....	....	3	
Injection of Salvarsan..	6	3	9	....	9	....	....	....	9	
Multiple injuries.....	1	....	1	....	....	....	....	1	1	Shock, 5 hours.
Totals.....	1,749	810	2,559	....	2,068	11	274	206	2,559	

GYNÆCOLOGICAL DISEASES.

From February 1, 1911, to January 31, 1912, Inclusive.

DISEASES.	In Hospital Feb. 1, 1911.	Admitted.	DISCHARGED.						In Hospital Jan. 31, 1912.
			Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
EXTERNAL GENITALIA.									
Neoplasms:									
Carcinoma of Vulva.....		1		1				1	
Condylomata.....	1	1	1	1				2	
Papillomata.....		1							1
Inflammatory:									
Hæmatoma.....		1							1
Vulvo-Vaginal Abscess.....		16	1	15				16	
Vulvo-Vaginal Thrombosis.....		1		1				1	
VAGINA AND PERINEUM.									
Mechanical:									
Cystocele.....	1	7	7		1			8	
Rectocele.....	1	3	3		1			4	
Recto-Vaginal Fistula.....	1				1			1	
Vesico-Vaginal Fistula.....		3	1	1	1			3	
Ruptured Perineum:									
Complete.....		6	2	3			1	6	
Incomplete.....	9	69	61	8	1	1		71	7
Inflammatory:									
Vaginitis.....		1		1				1	
Neoplasms:									
Carcinoma of Vagina.....		1		1				1	
UTERUS.									
Neoplasms:									
Carcinoma, uterus.....		16	1	4			7	12	4
Carcinoma, cervix.....		15	1	11			3	15	
Fibroid.....		25	15	6	1		1	23	2
Fibroid Polyp.....	1	9	8	2				10	

GYNÆCOLOGICAL DISEASES.—*Continued.*

DISEASES.	In Hospital Feb. 1, 1911.	Admitted.	DISCHARGED.						In Hospital Jan. 31, 1912.
			Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Polyp of Cervix.....		1	1					1	
Sloughing Fibroid.....		1		1				1	
Hydatidiform Mole.....		2		1				1	1
Mechanical:									
Anteflexion.....		11	6	5				11	
Retroversion.....	1	50	34	12				46	5
Retroversion with Pregnancy.....		1							1
Retroversion with Incarceration and Pregnancy.....		1	1					1	
Prolapse.....	1			1				1	
Procidentia.....		11	4	2	1		2	9	2
Laceration of Cervix.....	9	94	76	15	4	1		96	7
Uterine Hæmorrhage.....	1		1					1	
Inflammatory:									
Endometritis.....	2	60	49	13				62	
Endocervicitis.....		3		3				3	
Functional:									
Amenorrhœa.....		1			1			1	
Dysmenorrhœa.....		5	1	4				5	
Menorrhagia.....		1		1				1	
Metrorrhagia.....		12	1	9	1			11	1
Pregnancy and Parturition:									
Pregnancy.....		52	26	22			4	52	
Puerperium.....	2	32	29	3				32	2
Puerperal Insanity.....		1					1	1	
Post-Puerperal Psychosis.....		1	1					1	
Miscarriage, threatened.....	1	12	8	3				11	2
" complete.....		23	17	6				23	
" incomplete.....	7	257	241	13			2	256	8
" septic.....		12	7	1	1		2	11	1
Ectopic Gestation.....		24	17	2			3	22	2
Placenta Prævia.....	1	2	2				1	3	
Ablatio Placentiæ.....		1	1					1	
Criminal Abortion.....		5	2	3				5	
Septic Abortion.....		2	2					2	

GYNÆCOLOGICAL DISEASES.— *Continued.*

DISEASES.	In Hospital Feb. 1, 1911.	Admitted.	DISCHARGED.						In Hospital Jan. 31, 1912.
			Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Retained Products.....	1	7	8	.....	.....	.....	.....	8	.....
Pernicious Vomiting of Pregnancy..	1	3	3	1	.....	.....	.....	4	.....
Prematurity.....	.....	11	1	.....	.....	.....	10	11	.....
Antepartum Hæmorrhage.....	.....	1	1	.....	.....	.....	.....	1	.....
OVARIES.									
Neoplasms:									
Cyst.....	1	29	20	6	1	.....	2	29	1
" Dermoid.....	.....	1	1	.....	.....	.....	.....	1	.....
Fibroma.....	.....	1	1	.....	.....	.....	.....	1	.....
Inflammatory:									
Ovaritis.....	.....	1	1	.....	.....	.....	.....	1	.....
FALLOPIAN TUBES.									
Inflammatory:									
Salpingitis, acute.....	6	1	5	2	.....	.....	.....	7	.....
" chronic.....	5	128	66	46	5	1	5	123	10
" puerperal.....	.....	3	1	2	.....	.....	.....	3	.....
" tubercular.....	.....	4	3	.....	.....	.....	1	4	.....
Torsion of Hydrosalpinx.....	.....	1	1	.....	.....	.....	.....	1	.....
COMBINED GENITAL DISEASES.									
Pelvic Abscess.....	1	16	6	11	.....	.....	.....	17	.....
" Congestion.....	.....	1	.....	1	.....	.....	.....	1	.....
" Inflammation.....	1	54	13	35	5	.....	.....	53	2
URINARY ORGANS.									
Inflammatory:									
Cystitis.....	1	4	.....	5	.....	.....	.....	5	.....
Pyelitis.....	.....	8	1	7	.....	.....	.....	8	.....
Urethritis.....	.....	3	.....	3	.....	.....	.....	3	.....
Utero-vesical Fistula.....	1	.....	.....	1	.....	.....	.....	1	.....
Hæmatocele.....	.....	1	.....	1	.....	.....	.....	1	.....
Periurethral Abscess.....	.....	1	1	.....	.....	.....	.....	1	.....
Neoplasms:									
Carcinoma of Urethra.....	.....	1	.....	1	.....	.....	.....	1	.....
Urethral Caruncle.....	.....	1	1	.....	.....	.....	.....	1	.....
CONSTITUTIONAL DISEASES OF PUERPERAL OR VENEREAL ORIGIN.									
Eclampsia.....	.....	8	2	1	.....	.....	4	7	1
Septicæmia.....	.....	19	5	.....	.....	.....	11	16	3

GYNÆCOLOGICAL DISEASES.—*Continued.*

DISEASES.	In Hospital Feb. 1, 1911.	Admitted.	DISCHARGED.						In Hospital Jan. 31, 1912.	
			Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.		
UNCLASSIFIED.										
Ophthalmia Neonatorum.....	1	1	1						1	
Sterility.....		13		13					13	
After Plastic Operation.....		1	1						1	
Abdominal Adhesions.....	1	1		2					2	
Abrasion of Leg.....	1			1					1	
Abscesses.....	1	4	1	4					5	
Adenitis.....		2		2					2	
Alcoholism.....		2		1				1	2	
Alcoholism with Œdema of Brain....		1						1	1	
Appendicitis.....		11	8	1				2	11	
" Chronic.....		20	9	8					17	3
Broncho-pneumonia.....		1						1	1	
Carcinoma of Breast.....		1			1				1	
Carcinosis, general.....		3						3	3	
Cardiac.....		4		3	1				4	
Cholelithiasis.....		1		1					1	
Cirrhosis of Liver.....		2		1	1				2	
Cœliotomy.....		1		1					1	
Constipation.....		20	11	6	1				18	2
Cyst of Liver.....		1	1						1	
Debility.....		10		6	1			3	10	
Depressive Insanity.....		1		1					1	
Diabetes.....		1		1					1	
Embolism.....		1						1	1	
" Cerebral.....		1						1	1	
Epilepsy.....		1		1					1	
Fistula, fecal.....		1		1					1	
Fibrosarcoma-Retroperitoneal.....		1						1	1	
Hæmorrhage, Cerebral.....		1						1	1	
Hæmorrhoids.....		3	2	1					3	
Hernia, femoral.....		1	1						1	
" internal concealed strangulated....		1						1	1	
" post-operative abdominal.....		1			1				1	
" ventral.....	1	4	3		1				4	1

GYNÆCOLOGICAL DISEASES.—*Concluded.*

DISEASES.	In Hospital Feb. 1, 1911.	Admitted.	DISCHARGED.						In Hospital Jan. 31, 1912.
			Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Hysteria.....		4	1	3				4	
Infancy.....	1	50	43				6	49	2
Influenza.....		1		1				1	
Malignant Disease, Peritoneal Cavity,....		1		1				1	
Morphinism.....		2		1	1			2	
Neisser infection.....		7		7				7	
Nephritis, chronic.....		2		2				2	
Neurasthenia.....		2		2				2	
Edema of Brain.....		1					1	1	
Paralytic Ileus.....		1					1	1	
Peritonitis, general.....		7					7	7	
" tubercular.....		3		2			1	3	
" diffuse adhesive.....		1					1	1	
Phlebitis.....		4	2	1	1			4	
Phthisis.....		3		2			1	3	
Pneumonia.....		1					1	1	
Prolapse of Rectum.....		1	1					1	
Psoriasis.....		1		1				1	
Purpura.....		1		1				1	
Recurrent Pelvic Carcinoma.....		1			1			1	
Renal disease.....	1	3		4				4	
Sacro-iliac disease.....		2		2				2	
Syphilis.....		8		6	1			7	1
Teratoma.....		1	1					1	
Thrombosis, Cerebral.....		1		1				1	
Tuberculosis.....	1	3		4				4	
Typhoid fever.....		1					1	1	
Ulcer, gastric.....		1			1			1	
Varicose Veins.....		1							1
Volvulus.....		1					1	1	
No gynæcological disease.....		18	5	6	1	6		18	
Total diseases.....	65	1,413	860	400	38	9	97	1,404	74
Less patients counted more than once.....	13	215	114	91	7		9	221	7
Total patients.....	52	1,198	746	309	31	9	88	1,183	67

GYNÆCOLOGICAL OPERATIONS.

ON HOUSE PATIENTS IN THE GYNÆCOLOGICAL SERVICE.

From February 1, 1911, to January 31, 1912, Inclusive.

OPERATIONS.	In Hospital Feb. 1, 1911.	Admitted.	DISCHARGED.					In Hospital Jan. 31, 1912.	REMARKS.	
			Well.	Relieved.	Not Relieved.	Died.	Total.			
ON THE VULVA.										
Excision of Carcinoma.....		2	....	2	....	....	2	....		
“ “ Condylomata.....		2	....	2	....	....	2	....		
“ “ Papillomata.....		6	1	4	....	....	5	1		
Incision of Vulvo-Vaginal Abscess.....		11	1	10	....	....	11	....		
Dissection of Sac of Vulvo- Vaginal Abscess.....		2	....	2	....	....	2	....		
ON THE VAGINA.										
Colporrhaphy:										
Anterior.....	4	33	35	....	....	1	36	1	{ Septic Absorption, 6 days.	
Posterior.....	3	28	30	1	....	....	31	....		
Incision of Vulvo-Vaginal Thrombosis.....		1	....	1	....	....	1	....		
Vaginal Hysterectomy.....		1	....	....	....	....	....	1		
Vaginal Section.....		27	9	14	....	4	27	....	{ Pulmonary Embolism, 5 hours. General Peritonitis, 2 days. General Peritonitis, 23 days. General Peritonitis, 2 days.	
ON THE UTERUS.										
Curettage for:										
Anteflexion.....		4	1	3	....	....	4	....		
Carcinoma.....		1	....	....	1	....	1	....		
Dysmenorrhœa.....		5	....	5	....	....	5	....		
Endometritis.....	3	93	80	15	1	....	96	....		
Fibroid.....		2	....	2	....	....	2	....		
Fibroid Polypus.....		7	4	2	....	....	6	1		
Hydatidiform Mole.....		1	....	....	....	....	....	1		
Menorrhagia.....		2	1	1	....	....	2	....		

GYNÆCOLOGICAL OPERATIONS.—*Continued.*

OPERATIONS.	In Hospital Feb. 1, 1911.	Admitted.	DISCHARGED.					In Hospital Jan. 31, 1912.	REMARKS.
			Well.	Relieved.	Not Relieved.	Died.	Total.		
Metrorrhagia.....	.....	4	1	3	.....	.....	4	.....	
Polypus.....	1	2	3	.....	.....	.....	3	.....	
Retained Products.....	10	239	216	19	1	4	240	9	{ General Peritonitis 23 days. Septicæmia, 1 day. Septicæmia, 10 days. Streptococcus Septi- cæmia, 3 days.
Retroversion.....	.....	11	7	.....	.....	.....	7	4	
Sterility.....	.....	13	.....	13	.....	.....	13	.....	
Hysterectomy:									
Abdominal for Carci- noma.....	.....	7	2	2	.....	2	6	1	{ General Peritonitis, 4 hours. General Peritonitis and Shock, 36 hours.
Abdominal for Fibroid..	.....	17	12	3	.....	.....	15	2	
Abdominal for Leiomyoma.....	.....	2	1	.....	.....	1	2	.....	{ Hæmorrhage and Shock, 5 hours.
Abdominal for Senile Endometritis.....	.....	1	1	.....	.....	.....	1	.....	
Morcellation:									
For Carcinoma.....	.....	3	.....	2	.....	1	3	.....	Exhaustion, 47 days.
For Fibroid.....	.....	6	.....	2	4	.....	6	.....	
Myomectomy.....	.....	3	3	.....	.....	.....	3	.....	
Ventro-Fixation.....	.....	8	7	1	.....	.....	8	.....	
Ventro-Suspension.....	.....	63	55	3	.....	.....	58	5	
ON THE CERVIX UTERI.									
Amputation.....	2	21	21	2	.....	.....	23	.....	
Trachelorrhaphy.....	4	76	70	3	.....	.....	73	7	
ON THE PERINEUM.									
Perineorrhaphy:									
Complete.....	.....	3	3	.....	.....	.....	3	.....	
Incomplete.....	4	74	66	3	.....	1	70	8	Embolus, 30 hours.
ON THE TUBES AND OVARIES.									
Salpingectomy.....	2	10	9	2	.....	1	12	.....	{ Heat Prostration and Shock, 1 day.
Salpingo-oöphorectomy for:									
Ectopic Gestation.....	.....	10	6	1	.....	2	9	1	{ Hæmorrhage and Shock, 3 days. Hæmorrhage and Peri- tonitis, 5 days.
Ovarian Abscess.....	.....	12	10	2	.....	.....	12	.....	
Ovarian Cyst.....	.....	4	4	.....	.....	.....	4	.....	

GYNÆCOLOGICAL OPERATIONS.—*Continued.*

OPERATIONS.	In Hospital Feb. 1, 1911.	Admitted.	DISCHARGED.					In Hospital Jan. 31, 1912.	REMARKS.
			Well.	Relieved.	Not Relieved.	Died.	Total.		
Dermoid Cyst.....		2	1	1	.....	.....	2	.....	Heat Prostration and Shock, 1 day.
Salpingitis.....	4	51	38	6	.....	5	49	6	Hæmorrhage and Shock, 3 days. Hæmorrhage and Shock, 3 days. General Peritonitis, 2 days. General Peritonitis, 6 days.
Oöphorectomy.....	2	6	6	.....	.....	1	7	1	Embolus, 3 days.
Resection of Ovaries for Cyst.....	2	25	24	2	.....	1	27	.....	Hæmorrhage and Shock, 2 days.
Resection of Tubes.....		11	8	2	.....	1	11	.....	Cerebral Embolism, 4 days.
For Ectopic Gestation.....		4	4	.....	.....	.....	4	.....	
For Salpingitis.....		6	5	1	.....	.....	6	.....	
Excision of Hard Tumor of Ovary.....		1	.....	1	.....	.....	1	.....	
HERNIA.									
Femoral, Radical Cure.....		1	1	.....	.....	.....	.....	1	
Ventral, Radical Cure.....	2	3	4	.....	.....	.....	4	1	
UNCLASSIFIED.									
Normal Delivery.....		7	5	2	.....	.....	7	.....	
Forceps Delivery.....		3	3	.....	.....	.....	3	.....	
Premature Delivery.....		21	15	5	.....	.....	20	1	
Accouchement Forcé.....		2	2	.....	.....	.....	2	.....	Septicæmia, 3 days. Nephritis, 5 hours.
Internal Podalic Version.....		3	.....	.....	.....	3	3	.....	Acute Dilatation of Stomach, 12 hours.
Craniotomy.....		2	1	.....	.....	1	2	.....	Septicæmia, 3 days.
Appendectomy.....	2	65	56	4	.....	3	63	4	Pneumonia, 5 days. General Peritonitis, 15 days. Paralytic Ileus, 3 days.
Abscess, Abdominal Wall.....		1	.....	1	.....	.....	1	.....	
Cholelithotomy.....		1	1	.....	.....	.....	1	.....	
Cœliotomy for:									
Exploration.....	1	3	1	2	.....	1	4	.....	Peritonitis, 2 days.
Diffuse Peritonitis.....		1	.....	1	.....	.....	1	.....	Peritonitis, 1 hour. Peritonitis, 4 hours. Peritonitis, 36 hours.
General Peritonitis.....		7	.....	1	.....	6	7	.....	Peritonitis, 1 day. Peritonitis, 3 days. Peritonitis, 23 days.

GYNÆCOLOGICAL OPERATIONS.—*Concluded.*

OPERATIONS.	In Hospital Feb. 1, 1911.	Admitted.	DISCHARGED.					In Hospital Jan. 31, 1912.	REMARKS.
			Well.	Relieved.	Not Relieved.	Died.	Total.		
Tubercular Peritonitis.....		1	.....	.....	.....	1	1	.....	{ Hæmorrhage and Shock, 6 hours.
Colotomy.....		1	.....	.....	.....	1	1	.....	Peritonitis, 23 days.
Drainage of Gall Bladder.....		1	1	.....	.....	.....	1	.....	
Enterostomy.....		1	.....	.....	.....	1	1	.....	Shock, 24 hours.
Excision of:									
Cyst of Liver.....		1	1	.....	.....	.....	1	.....	
Glands in Groin.....		2	.....	2	.....	.....	2	.....	
Nodular Breast Tissue.....		1	.....	1	.....	.....	1	.....	
Retroperitoneal Fibro- sarcoma.....		1	.....	.....	.....	1	1	.....	{ Hæmorrhage and Shock, 2 days.
Varicose Veins.....		1	.....	.....	.....	.....	.....	1	
Hæmorrhoids.....		4	3	1	.....	.....	4	.....	
Incision of:									
Glands in Groin.....		1	.....	1	.....	.....	1	.....	
Ischiorectal Abscess.....		1	.....	1	.....	.....	1	.....	
Periurethral Abscess.....		1	1	.....	.....	.....	1	.....	
Repair of Recto-Vaginal Fistula.....		1	.....	.....	1	.....	1	.....	
Repair of Vesico-Vaginal Fistula.....		1	.....	1	.....	.....	1	.....	
Totals.....	46	1,062	840	161	8	43	1,052	56	

DISEASES OF THE EYE.

Cases Treated in Hospital from February 1, 1911, to January 31, 1912, Inclusive.

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
CONJUNCTIVA.											
Conjunctivitis, acute.....	1	...	1	...	...	1	...	...	1	...	
" chronic.....	...	1	1	...	1	...	...	...	1	...	
Burns.....	1	...	1	1	...	...	...	...	1	...	
" caustic soda.....	1	...	1	...	...	...	1	...	1	...	
Lacerated wound.....	1	...	1	...	1	...	...	...	1	...	
Trachoma, corneal ulcer, keratitis and pannus.....	1	...	1	...	...	...	...	...	...	1	
CORNEA AND SCLEROTICA.											
Keratitis.....	1	1	2	1	1	...	...	...	2	...	
" interstitial.....	1	2	3	1	1	1	...	...	3	...	
" phlyctenular.....	...	1	1	1	...	...	...	...	1	...	
" traumatic.....	2	...	2	...	2	...	...	...	2	...	
" tubercular.....	1	...	1	1	...	...	...	...	1	...	
" ulcerative.....	4	...	4	...	4	...	...	...	4	...	
" with entropion.....	1	...	...	...	1	...	...	...	1	...	
Kerato-iritis.....	2	2	4	...	3	1	...	...	4	...	
" specific.....	...	1	1	...	1	...	...	...	1	...	
Burns.....	2	...	2	...	2	...	...	...	2	...	
" lime.....	1	2	2	...	3	...	...	...	3	...	
" powder.....	2	...	2	2	...	...	...	...	2	...	
Ulcer.....	1	...	1	...	1	...	...	...	1	...	
LENS AND CAPSULE.											
Cataract, capsular.....	1	...	1	...	1	...	...	...	1	...	
" congenital.....	...	3	3	...	3	...	...	...	3	...	
" post-operative.....	1	...	1	...	...	...	...	...	1	...	1
" secondary.....	1	...	1	1	...	...	...	...	1	...	
" senile.....	1	6	11	17	14	2	1	...	17	1	
" traumatic.....	1	...	1	...	1	...	...	...	1	...	
GLOBE.											
Injury.....	2	...	2	...	1	1	...	...	2	...	
" penetrating.....	7	...	7	1	4	2	...	...	7	...	

DISEASES OF THE EYE.—*Concluded.*

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Disorganized globe.....		1	...	1	...	1	...	...	...	1	...
Panophthalmitis.....		1	2	3	...	3	...	...	...	3	...
Phthisis Bulbi.....		2	1	3	2	1	...	...	...	3	...
Rupture.....		2	1	3	1	1	...	...	...	2	1
Sympathetic Ophthalmia.....		3	...	3	1	2	...	...	...	3	...
LACHRYMAL APPARATUS.											
Dacryocystitis, acute.....	1	2	2	4	...	4	...	1	...	5	...
LIDS.											
Abscess.....		2	...	2	...	2	...	...	...	2	...
Blepharitis.....		2	1	3	...	2	1	...	...	3	...
Burns.....		2	...	2	...	2	...	...	...	2	...
Ectropion.....		1	1	2	...	...	2	...	...	2	...
Laceration.....		1	...	1	...	...	...	1	...	1	...
NERVES AND MUSCLES.											
Strabismus, convergent.....			1	1	...	1	...	...	...	1	...
IRIS, CILIARY BODY AND CHOROID.											
Iritis.....		3	3	6	1	3	2	...	...	6	...
“ gummatous.....		2	...	2	...	...	2	...	...	2	...
“ rheumatic.....		2	...	2	...	2	...	...	...	2	...
“ syphilitic.....		4	1	5	...	3	2	...	...	5	...
Choroiditis, syphilitic, with float- ing opacities.....			1	1	...	...	...	...	...		1
Glaucoma, acute.....			2	2	1	1	...	...	...	2	...
“ chronic.....			1	1	...	1	...	...	...	1	...
“ with iris bombé.....	1	...	...	...	...	1	...	...	...	1	...
Iridocyclitis.....			1	1	...	...	1	...	...	1	...
Glioma of retina.....			1	1	...	...	...	...	1	1	...
ORBIT.											
Abscess.....		1	...	1	...	...	1	...	...	1	...
UNCLASSIFIED.											
Burns of Eyes and Body.....		1	...	1	...	1	...	...	...	1	...
Erysipelas.....		1	...	1	...	...	1	...	...	1	...
Totals.....	5	75	41	116	15	76	20	4	1	116	5

OPHTHALMIC OPERATIONS.

ON HOUSE PATIENTS IN THE OPHTHALMIC SERVICE.

From February 1, 1911, to January 31, 1912, Inclusive.

OPERATIONS.	ADMITTED.			DISCHARGED.				
	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Died.	Total.
GLOBE.								
Enucleation.....	8	3	11	4	7	..	..	11
Enucleation with Insertion of Glass Ball.....	..	1	1	..	1	..	..	1
Evisceration.....	1	1	2	..	2	..	..	2
Suture of Lacerated Conjunctiva.....	1	..	1	..	1	..	..	1
CORNEA AND SCLEROTICA.								
Sæmisch Incision.....	1	..	1	..	1	..	..	1
LENS AND CAPSULE.								
Cataract:								
Extraction.....	2	2	4	..	3	1	..	4
Extraction, combined.....	..	2	2	..	2	..	..	2
Needling.....	1	3	4	..	4	..	..	4
Suction.....	1	..	1	..	1	..	..	1
Secondary.....	1	..	1	1	..	..	..	1
Senile.....	2	5	7	..	7	..	..	7
With Iridectomy.....	..	1	1	..	1	..	..	1
IRIS.								
Iridectomy.....	..	3	3	1	2	..	..	3
LACHRYMAL APPARATUS.								
Excision of Lachrymal Sac.....	..	1	1	..	1	..	..	1
Incision and Curettage.....	2	..	2	..	2	..	..	2
OCULAR MUSCLES.								
Advancement.....	..	1	1	..	1	..	..	1
LIDS.								
Ectropion.....	1	1	2	..	1	1	..	2
Incision of Abscess.....	1	..	1	..	1	..	..	1
Suture of Lacerated Wound.....	1	..	1	..	1	..	..	1

OPHTHALMIC OPERATIONS.— *Concluded.*

OPERATIONS.	ADMITTED.			DISCHARGED.				
	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Died.	Total.
ORBIT.								
Exenteration, for Glioma.....	1	1	1	.....	.....	.....	1	1
Incision of Orbital Abscess.....	1	.....	1	.....	1	.....	.....	1
UNCLASSIFIED.								
Intravenous Injection of Salvarsan.....	3	4	7	.....	7	.....	.....	7
Totals.....	27	29	56	6	47	2	1	56

DISEASES OF THE EAR.

Cases Treated in Hospital from February 1, 1911, to January 31, 1912, Inclusive.

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.				In Hospital Jan. 31, 1912.
		Right Ear.	Left Ear.	Both Ears.	Well.	Relieved.	Not Relieved.	Died.	
AURICLE.									
Laceration.....		1				1			
Perichondritis.....	1					1			
MEATUS.									
Inflammation:									
Acute Circumscribed.....		2				2			
Traumatic Atresia.....		1				1			
Stenosis of Canal.....		1				1			
MIDDLE EAR.									
Inflammation:									
Simple Acute.....		2	3			5			
With Adenoids.....	1	1		1		3			
“ Mastoiditis.....	1	3	3			7			
“ Mastoid Tenderness.....		1		1		2			
“ Septicæmia.....		1						1	
Chronic.....		1	1			1	1		
With Adenoids.....				1		1			
“ Mastoiditis.....			1			1			
Suppurative:									
With Caries.....				1					1
MASTOID.									
Mastoiditis, acute.....	4	21	22	1	1	42		1	4
With Cerebrospinal Meningitis.....		1						1	
“ Cervical Glands.....			1		1				
“ Epidural Abscess.....		1					1		
“ Perisinus Abscess.....		4	2			5			1
“ Pulmonary Embolism.....		1						1	
Mastoiditis, chronic.....		6	5	1	1	11			

DISEASES OF THE EAR.—Continued.

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.				In Hospital Jan. 31, 1912.
		Right Ear.	Left Ear.	Both Ears.	Well.	Relieved.	Not Relieved.	Died.	
With Caries of Vestibule.....			1			1			
“ Cerebral Abscess.....		1						1	
“ Epidural Abscess.....		2				2			
“ Facial Paralysis.....			1			1			
“ Peridural Abscess.....		1							1
“ Perisinus Abscess.....		2	1			1		2	
“ Post-mastoid Sinus.....		1					1		
“ Sinus Thrombosis.....	1	1				2			
Acute Mastoid Swelling.....		1			1				
Post-operative Mastoid.....		1	3			4			
Post-mastoid Caries.....	1		1			2			
Post-mastoid Sinus.....			2		1	1			
Post-auricular Glands.....			1			1			
Post-operative Cervical Suppuration.....				1		1			
PHARYNX AND NASO-PHARYNX.									
Foreign Body in Pharynx.....				2		2			
Punctured Wound of Soft Palate.....				1		1			
Adenoids.....				5		5			
Adenoids and Tonsils.....				9		9			
Post-operative Hæmorrhage.....				1	1				
Pemphigoid Eruption of Throat.....				1		1			
TONSILS.									
Hypertrophy.....				33		33			
Hypertrophy and Erythema Nodosum.....				1	1				
Tonsillitis, acute.....				4		4			
Tonsillitis, acute Follicular.....				2		2			
Peritonsillar Abscess.....	1	9	8	10	7	20			1
Post-operative Tonsils.....				5		5			
Post-operative Hæmorrhage.....				4		4			
Post-operative Tonsillar Exudate.....				1		1			
LARYNX.									
Laryngitis, Tubercular.....				1			1		
Stenosis of Larynx.....				1				1	

DISEASES OF THE EAR.—*Continued.*

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.				In Hospital Jan. 31, 1912.
		Right Ear.	Left Ear.	Both Ears.	Well.	Relieved.	Not Relieved.	Died.	
Syphilis of Larynx.....				1	...	1	...	...	...
Œdema, from Formalin.....				1	...	1	...	...	...
Carcinoma of Larynx.....	2	...	...	1	...	...	2	1	...
Papilloma of Larynx.....	1	...	...	...	...	...	...	1	...
Œdema of Glottis.....				1	...	1	...	...	...
ANTERIOR NASAL CAVITIES.									
Epistaxis.....	1	...	...	14	2	12	...	1	...
Epistaxis and Diabetes.....				1	...	1	...	...	...
Abscess of Septum.....				3	...	3	...	...	...
Deviated Septum.....	1	...	...	9	...	9	...	...	1
Necrosis of Septum.....				1	...	1	...	...	...
Fractured Septum.....				1	...	1	...	...	...
Fracture of Nose.....				1	...	1	...	...	...
Old Fracture of Nose.....				2	...	2	...	...	...
Compound Fracture of Nose.....				2	...	1	...	...	1
Syphilis of Nose.....				1	...	1	...	...	...
Carcinoma of Nose.....				1	...	...	1	...	...
Rhinitis, Hypertrophic.....				1	...	...	1	...	...
Rhinitis, Sicca.....				1	...	1	...	...	...
Occlusion and Adhesions of Nares.....	1	...	...	...	...	1	...	...	...
Specific Granuloma of Nares.....				1	...	...	1	...	...
Dislocated Anterior Cartilage.....				2	...	2	...	...	...
ACCESSORY SINUSES.									
Chronic Inflammation of Antrum of Highmore.....				1	...	1	...	...	...
Empyema of Antrum of Highmore.....				1	...	1	...	...	...
Carcinoma of Antrum of Highmore.....				1	...	...	...	...	1
Frontal Sinusitis.....				2	...	1	...	...	1
Frontal and Ethmoid Sinusitis.....				1	...	1	...	...	...
Ethmoiditis and Tic Douloureux.....				1	...	1	...	...	...
ŒSOPHAGUS.									
Carcinoma.....				1	...	...	1	...	...
Diverticulum.....				1	...	...	...	1	...
Stricture.....				1	...	...	1	...	...

DISEASES OF THE EAR.—*Concluded.*

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.				In Hospital Jan. 31, 1912.
		Right Ear.	Left Ear.	Both Ears.	Well.	Relieved.	Not Relieved.	Died.	
UNCLASSIFIED.									
Abscess, Alveolar.....				1		1			
Abscess, post-auricular.....		1	1			2			
Asthma.....				1					1
Erysipelas.....				3	1	1	1		
Fracture, base of skull.....				1		1			
Glossitis.....				1	1				
Hæmophilia.....				1		1			
Inflammatory Obstruction of Wharton's Duct.....				1		1			
Œdema of Palate.....				1	1				
Osteoma of Skull.....				1			1		
Paralysis, facial.....				1		1			
Peanut in Right Bronchus.....				1	1				
Pneumonia.....				1		1			
Tic Douloureux.....			1			1			
Tumor of Orbit.....		1				1			
Vincent's Angina.....				2		2			
Totals.....	16	69	58	159	20	244	13	12	13

Admitted.....286
Discharged.....289

Males.....148
Females.....138

AURAL OPERATIONS.

ON HOUSE PATIENTS IN THE AURAL SERVICE.

From February 1, 1911, to January 31, 1912, Inclusive.

OPERATIONS.	ADMITTED.			DISCHARGED.					In Hospital Jan. 31, 1912.
	Right Ear.	Left Ear.	Both Ears.	Well.	Relieved.	Not Relieved.	Died.	Total.	
AURICLE AND CANAL.									
Incision for:									
Furuncle of Canal.....	1				1			1	
Trauma of Canal.....	1				1			1	
Plastic of Canal.....	1				1			1	
TYMPANIC MEMBRANE.									
Paracentesis.....	9	5	1		12			12	3
MASTOID.									
Mastoid Operation.....	23	23	1		44		1	45	2
With Exenteration.....	5	4	1		9		1	10	
“ Exenteration and Skin Graft.....		1			1			1	
“ Epidural Abscess.....	3				1	1		2	1
“ Perisinus Abscess.....	5	3			6		1	7	1
“ Caries of Vestibule.....		1			1			1	
“ Union of Facial Nerve.....		1			1			1	
“ Fracture of Skull.....		1			1			1	
“ Pulmonary Embolism.....	1						1	1	
“ Post-operative Caries.....	1					1		1	
“ Sinus Thrombosis and Ligation of External Jugular Vein.....		1			1			1	
“ Meningitis and Exploration of Cerebellum.....	1						1	1	
Post-operative Plastic.....	2	3			5			5	
Post-operative Cervical Suppuration.....	2				2			2	
Excision of Suppurating Mastoid Glands..	1				1			1	
NOSE.									
Reduction of Fracture.....			4		3			3	1

AURAL OPERATIONS.—*Concluded.*

OPERATIONS.	ADMITTED.			DISCHARGED.					In Hospital Jan. 31, 1912.
	Right Ear.	Left Ear.	Both Ears.	Well.	Relieved.	Not Relieved.	Died.	Total.	
Septum:									
Submucous Resection.....			7		7			7	
Refracture and Straightening.....			1		1			1	
Abscess, Incision and Restoration.....			3		3			3	
Replacing Dislocated Anterior Cartilage.....			3		3			3	
ACCESSORY SINUSES.									
Curretting of Frontal Sinus and Removal of Ethmoid Cells.....		1	1		2			2	
Curettling Antrum of Highmore.....			2		2			2	
PHARYNX AND NASO-PHARYNX.									
Adenectomy.....			7		7			7	
Tonsillectomy.....			7		7			7	
Adenectomy and Tonsillectomy.....			36		36			36	
Incision, Peritonsillar Abscess.....			10		9			9	1
UNCLASSIFIED.									
Diverticulum of Œsophagus.....			1				1	1	
Incision, Post-auricular Abscess.....	1				1			1	
Injection of Fifth Nerve.....			1		1			1	
Intravenous Injection of Salvarsan.....			4		4			4	
Removal of Coin in Œsophagus.....			1		1			1	
Removal of Foreign Body in Bronchus.....			1	1				1	
Removal of Wen of Face.....			1		1			1	
Tracheotomy.....			1				1	1	
Tumor of Orbit.....			1		1			1	
Totals.....	57	44	95	1	177	2	7	187	9

Males.....	113
Females.....	83
Total.....	196

CAUSES OF DEATH.

Asphyxiation.....	1
Meningitis.....	1
Pulmonary Embolism.....	1
Septicæmia.....	2
Surgical Shock.....	1
Unknown.....	1
Total.....	7

DISEASES OF THE NERVOUS SYSTEM.

Cases Treated in Hospital from February 1, 1911, to January 31, 1912, Inclusive.

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
I. PERIPHERAL NERVES.											
Spinal Nerves:											
Neuritis.....	2	2	1	3	1	3			1	5	
" alcoholic.....		5	6	11		5			2	7	4
" multiple.....	1		2	2		2			1	3	
" post-diphtheritic.....		1		1		1				1	
Injury to Anterior Crural.....		1		1		1				1	
Neuralgia, trigeminal.....			1	1		1				1	
Sciatica.....		2	1	3	1	2				3	
II. SPINAL CORD AND SPINE.											
Ataxic Paraplegia.....			1	1		1				1	
Diffuse Gliosis.....		1	1	2		1			1	2	
Gonorrhœal Spine.....		1		1		1				1	
Hæmatomyelia.....		2		2					2	2	
Multiple Sclerosis.....			1	1		1				1	
Myelitis.....		3	1	4			2		1	3	1
Myelitis, specific.....			1	1		1				1	
Myelomalacia.....			1	1					1	1	
Progressive Muscular Atrophy ..		3		3		2	1			3	
Sacroiliac Disease.....		1		1			1			1	
Spinal Sclerosis.....		1	1	2			2			2	
Spinal Syphilis.....		2	2	4		4				4	
Tabes Dorsalis.....		9	2	11		8	1		1	10	1
III. BRAIN.											
Abscess.....			1	1		1				1	
Arteriosclerosis.....	1	6	2	8		5	1		3	9	
Concussion.....	1	3	1	4	2	1	1			4	1
Embolism.....	1	1	3	4		3			2	5	

DISEASES OF THE NERVOUS SYSTEM.—*Continued.*

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Hæmorrhage.....	1	31	24	55	...	16	1	...	38	55	1
Hemiplegia.....			1	1	...	1				1	
Injury (including fracture of skull).....	1	1		1	1	1				2	
Meningismus.....		1		1	1					1	
Meningitis, serous.....		1		1		1				1	
Œdema.....		1	1	2					2	2	
Pachymeningitis.....		1		1					1	1	
Softening.....			1	1			1			1	
Syphilis.....		4	1	5		2			2	4	1
Thrombosis.....	7	22	1	23	2	14			11	27	3
Tumor.....		4	3	7		1	4		2	7	
Tumor, Cerebellar.....		2		2			2			2	
IV. PSYCHOSES.											
Dementia, Paralytica.....		11		11		2	6		3	11	
“ Præcox.....		8	3	11		2	9			11	
“ Senilis.....		1		1		1				1	
“ Juvenile.....			1	1		1				1	
Mania, Acute.....	1		1	1			2			2	
Maniacal Depressive Insanity.....			1	1					1	1	
Confusional Insanity.....		1	2	3		1	2			3	
Feeble-mindedness.....			1	1			1			1	
Melancholia.....	1						1			1	
Paranoia.....		1	1	2		1	1			2	
Psychical Instability.....			1	1		1				1	
V. NEUROSES AND PSYCHO- NEUROSES.											
Cephalalgia.....		1		1		1				1	
Chorea.....		6	7	13	4	8			1	13	
Epilepsy.....		13	10	23		22				22	1
Hysteria.....	1	3	22	25	2	21	2			25	1
Neurasthenia.....		4	5	9		9				9	
Paralysis Agitans.....		1	1	2			1			1	1
Syncope.....			4	4	2	1	1			4	

DISEASES OF THE NERVOUS SYSTEM.—*Concluded.*

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
VI. INTOXICATIONS.											
Alcoholism.....	1	24	10	34	13	14	.....	.....	7	34	1
Alcoholic Eclampsia.....			1	1	.....	1	.....	.....	.....	1	.....
UNCLASSIFIED.											
Abdominal.....			1	1	.....	.....	1	.....	.....	1	.....
Arthritis.....		1	.....	1	.....	1	.....	.....	.....	1	.....
Cerebrospinal Syphilis.....		1	.....	1	.....	.....	1	.....	.....	1	.....
Dilatation, Cardiac, acute.....		1	.....	1	.....	.....	1	.....	.....	1	.....
Eclampsia.....		2	.....	2	2	.....	.....	.....	.....	2	.....
Fractured Ribs.....		1	.....	1	.....	1	.....	.....	.....	1	.....
Gastritis, acute.....		1	.....	1	.....	1	.....	.....	.....	1	.....
Indigestion.....			1	1	1	.....	.....	.....	.....	1	.....
Insolation.....		1	.....	1	1	.....	.....	.....	.....	1	.....
Osteitis.....			1	1	.....	1	.....	.....	.....	1	.....
Phlebitis.....			1	1	.....	1	.....	.....	.....	1	.....
Rheumatism.....			2	2	1	1	.....	.....	.....	2	.....
Tetanus.....		1	.....	1	.....	.....	.....	.....	1	1	.....
Tuberculosis, General.....		1	.....	1	.....	.....	.....	.....	1	1	.....
Uræmia.....		1	.....	1	.....	1	.....	.....	.....	1	.....
Totals.....	19	197	138	335	33	174	46	.....	85	338	16

DISEASES OF THE SKIN.

Cases Treated in Hospital from February 1, 1911, to January 31, 1912, Inclusive.

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.						In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Abrasion of Forehead, Malaria and Chronic Nephritis.....		1		1		1				1	
Carcinoma of Breast.....			1	1			1			1	
Dermatitis.....	1	1		1		2				2	
" Venenata.....		3		3		3				3	
" Exfoliativa.....		1		1							1
Eczema.....		12	12	24		21	1			22	2
" Universal.....		1		1		1				1	
Erysipelas.....		1		1	1					1	
" and Broncho-pneu- monia.....		1		1					1	1	
Erythema.....			2	2		2				2	
" Reflex.....		2	1	3	1	2				3	
" Multiforme.....		1	1	2		2				2	
" Nodosum.....			1	1							1
Furunculosis.....		1		1		1				1	
Nephritis.....			1	1			1			1	
Herpes Zoster.....			1	1		1				1	
Pemphigus.....		1	1	2		1			1	2	
Scrofuloderma.....			1	1		1				1	
Sycosis.....		1		1		1				1	
Syphilis.....	2	8	10	18		16	2		1	19	
Thrombophlebitis.....			1	1			1			1	
Ulcers:											
" Specific.....	1		1	1		2				2	
" Varicose.....			2	2		2				2	
Totals.....	4	35	36	71	2	59	6		3	70	5

OUT-PATIENT DEPARTMENT.

MEDICAL.

IN CHARGE OF DRs. ROBEY, LARRABEE, WHITE, LOCKE, LIBBY AND
PALFREY.

From February 1, 1911, to January 31, 1912, Inclusive.

SPECIFIC INFECTIOUS DISEASES.

Typhoid Fever.....	12
Diphtheria.....	2
Scarlet Fever.....	7
Measles.....	4
Rötheln.....	10
Parotitis, Epidemic.....	1
Pertussis.....	30
Erysipelas.....	15
Malarial Fever.....	21
Influenza.....	32
Gonorrhœal Infection.....	35
Syphilis.....	67
Other diseases of this class..	21

CONSTITUTIONAL DISEASES.

Rachitis.....	8
Scurvy.....	1
Diabetes Mellitus.....	27
“ Insipidus.....	1
Obesity.....	12

DISEASES OF THE RESPIRATORY
SYSTEM.

Adenoids and Tonsils.....	51
Acute Pharyngitis.....	75
Acute Tonsillitis.....	93
Quinsy.....	11
Acute Laryngitis.....	7
Rhinitis.....	5
Tuberculosis of Pharynx....	1
Coryza.....	58
Other diseases of this class..	36

Of the Bronchi.

Bronchitis.....	314
Broncho-Pneumonia.....	6
Asthma.....	25

Of the Lung.

Tuberculosis.....	277
Emphysema.....	23
Pneumonia.....	45
Abscess.....	1

Of the Pleura.

Pleurisy.....	146
Empyæma.....	2
Hydrothorax.....	2
Pneumothorax.....	1

DISEASES OF THE CIRCULATORY
SYSTEM.*Of the Heart and its Membranes.*

Pericarditis.....	3
Acute Endocarditis.....	20
Chronic Endocarditis.....	199
Myocardial Disease.....	35
Aneurism.....	1
Neuroses.....	11
Congenital Diseases.....	3
Dilatation.....	2
Stokes-Adams Disease.....	1

Of the Blood Vessels.

Arteriosclerosis.....	66
Arterial Thrombosis.....	1
Aneurism, Thoracic.....	7
“ Carotid.....	1
Phlebitis.....	2
Varicose Veins.....	26

DISEASES OF THE BLOOD AND
DUCTLESS GLANDS.

Plethora.....	1
Chlorosis.....	17
Pernicious Anæmia.....	2
Anæmia (Secondary).....	47

Hæmophilia.....	1
Purpura Simplex.....	4
" Rheumatica.....	12
" Hæmorrhagica.....	6
Leukæmia.....	2
Hodgkin's Disease.....	1
Goitre.....	12
Exophthalmic Goitre.....	6
Myxœdema.....	1

DISEASES OF THE DIGESTIVE
ORGANS.

Stomatitis.....	13
Cancer of Tongue.....	1

Of the Œsophagus.

New Growth.....	3
Spasm.....	2

Of the Stomach.

Gastritis.....	87
Dilatation.....	1
Ulcer, Gastric or Duodenal..	18
Cancer.....	9
Gastroduodenitis.....	5
Acute Dyspepsia.....	46
Hyperacidity.....	85
Subacidity.....	27
Anorexia Nervosa.....	14
Other diseases of this class..	45

Of the Intestines.

Catarrhal Enteritis.....	76
Diarrhœa.....	22
Habitual Constipation.....	485
Intussusception.....	1
Internal Strangulation.....	13
Appendicitis.....	43
New Growth.....	6
Other diseases of this class..	11

*Of the Liver, Bile-Ducts and
Portal Vein.*

Acute Catarrhal Angio- cholitis.....	2
Cholecystitis.....	3
Gallstones.....	14
Fatty Infiltration.....	1
Chronic Interstitial Hepatitis,	19
New Growth.....	4
Abscess of Liver.....	1

Of the Peritoneum.

Tubercular Peritonitis.....	7
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DISEASES OF THE URINARY
SYSTEM.

*Of the Kidney, Pelvis of Kidney
and Bladder.*

Nephritis.....	77
Diffuse or Parenchymatous,	11
Interstitial Nephritis.....	19
Tuberculosis.....	3
Pyelitis, Chronic.....	6
Renal Calculus.....	7
Movable Kidney.....	12
Cystitis.....	33
Enuresis.....	51
Other diseases of this class..	41

DISEASES OF THE JOINTS.

Atrophic Arthritis.....	6
Hypertrophic Arthritis.....	12
Infectious Arthritis.....	16
Rheumatic.....	224
Gonorrhœal.....	15
Sacro-iliac Disease.....	24
Other diseases of this class..	48

DISEASES DUE TO ANIMAL
PARASITES.

Tænia.....	8
Ascariasis.....	2
Trichiniasis.....	1
Oxyuris Vermicularis.....	6
Pediculosis.....	5

POISONS.

Alcohol.....	25
Cocaine.....	1
Illuminating Gas.....	11
Opium or Morphine.....	3
Tobacco.....	1
Potassium Iodide.....	2
Carbon Dioxide.....	1
Kerosene.....	1
Phosphorus.....	1
Sulpho-naphthol.....	1

MISCELLANEOUS.

Vaccinations.....	717
Debility.....	241

Exposure.....	3
Insolation.....	8
Enteroptosis.....	4
Senility.....	12
No disease.....	313
Eloped.....	90
No Diagnosis.....	73
Gynæcological Diseases....	175
Surgical Diseases.....	110
Diseases of the Ear.....	3
Diseases of the Eye.....	8
Referred to other depart- ments.....	29

DISEASES OF THE SKIN.

Dermatitis Venenata.....	3
“ Calorica.....	2
Eczema.....	16
Herpes Zoster.....	13
Scabies.....	25
Erythema Nodosum.....	1
Urticaria.....	15
Other diseases of this class..	14

DISEASES OF THE MUSCLES.

Injury (including Strain)...	45
Muscular Rheumatism.....	11
Lumbago.....	34
Myalgia.....	39
Myositis.....	5

DISEASES OF THE PERIPHERAL
NERVES.

Optic Neuritis.....	1
Facial Paralysis.....	4
Paralysis of Radial (Musculo- spinal) Nerve.....	2
Neuralgia.....	14
Intercostal.....	19
Sciatica.....	25
Lumbar.....	5
Multiple Neuritis.....	25
Angioneurotic Œdema.....	1

DISEASES OF THE SPINE.

Arthritis.....	1
Caries.....	2
Torsion.....	2
Tuberculosis.....	2

DISEASES OF THE SPINAL CORD.

Meningitis.....	2
Multiple Sclerosis.....	1
Syphilis.....	1
Tumor.....	7

DISEASES OF THE BRAIN.

General Cerebral Affections:

General Paralysis (Paretic Dementia).....	3
Hæmorrhage.....	3
Hemiplegic States.....	4
Tumor.....	1
Mental Affections:	
Dementia Præcox.....	4
Feeble-minded.....	4
Senile Dementia.....	2

NEUROSES AND CONDITIONS WITH-
OUT RECOGNIZED PATHOLOGY.

Cephalalgia.....	20
Chorea.....	22
Epilepsy.....	17
Hysteria.....	18
Migraine.....	22
Neurasthenia.....	28
“ Anxious States,	87
“ Obsessions....	3
Occupation Neuroses.....	11
Tetanus.....	1
Tetany.....	1
Vertigo.....	14
Muscular Spasms.....	9

Total Patients..... 6,110

Femur	45	Hæmarthrosis	2
Patella	60	General Diseases:	
Tibia	78	Rickets	1
Fibula	25	Rheumatoid Arthritis	17
Pott's Fracture	201	Arthritis Deformans	7
Both Bones of Leg	130	Gout	2
Tarsus	38	Periostitis	26
Metatarsus	40	Osteomyelitis	42
Phalanges	33	Suppurative Arthritis	6
Fractures, Compound:		Tuberculosis	40
Skull	3	Syphilis	24
Jaw, Lower	2	Rheumatism	44
Nose	2	Charcot's Disease	4
Humerus	1	Chronic Arthritis	3
Radius	16	Foreign Bodies in Joints	1
Ulna	12	Anchylosis	3
Both Bones, Forearm	4	Hysterical Joints	4
Metacarpus	16	Tumors	7
Phalanges	30	Congenital Defects of Bones,	9
Pelvis	2	Absence or Arrested Devel-	
Patella	20	opment	5
Tibia	12	Wry Neck	20
Pott's Fracture	7	Congenital Dislocations of	
Both Bones of Leg	24	Hip	1
Tarsus	8	Club Foot	4
Metatarsus	5	Club Hand	2
Phalanges	27	Web Fingers	3
Fractures, Ununited:		Lateral Curvature	9
Humerus	5	Pes Valgus	21
Tibia	6	Hallux Valgus	26
Both Bones of Leg	5		
Fractures not otherwise		BLOOD SYSTEM.	
Classified	8	Wounds	6
Dislocations, Simple:		Pericarditis	1
Clavicle	13	Phlebitis	22
Humerus	38	Aneurism	2
Elbow Joint	15	Varicose Veins	405
Carpus	4	Gangrene	11
Metacarpus	13	Angioma	3
Phalanges	30	Nævus	5
Knee	2		
Ankle	4	LYMPHATIC SYSTEM.	
Cartilage:		Lymphangitis	51
Of Knee Semilunar	11	Noditis	134
Radius, Head	1	Tuberculosis	213
Dislocations, Compound:		Syphilis	4
Phalanges	4		
Sprains	312	DUCTLESS GLANDS.	
Contusions	238	Goitre	14
Acute Synovitis	91		

NERVOUS SYSTEM.		Endothelioma.....	1
Infantile Paralysis.....	7	Epidermoid Cancer.....	2
Peripheral Nerves:		Pharynx and Soft Palate:	
Injuries.....	15	Pharyngitis.....	5
Traumatic Neuritis.....	37	Syphilis.....	11
Neuralgia.....	13	Adenoids.....	3
RESPIRATORY SYSTEM.		Oesophagus:	
Nose:		Foreign Bodies in.....	34
Wounds.....	3	Stricture.....	1
Epistaxis.....	53	Stomach:	
Foreign Bodies in.....	12	Gastric Fistula.....	2
Depressed Bridge.....	1	Ulcer.....	8
Antrum and Accessory Sinuses:		Gastroptosis.....	14
Empyæma.....	2	Cancer.....	2
Larynx:		Intestine:	
Stenosis.....	1	Ulcer of the Duodenum..	2
Syphilis.....	1	Fæcal Fistula.....	4
Tuberculosis.....	5	Tuberculosis.....	6
Pleuræ:		Gall Stones.....	12
Wounds.....	2	Impacted Fæces.....	1
Bullet.....	1	Bands and Adhesions....	1
Pleuritis.....	39	Stricture:	
Empyæma.....	62	Cancerous.....	1
Tuberculosis.....	4	Meckel's Diverticulum..	1
DIGESTIVE SYSTEM.		Cancer.....	4
Mouth:		Not otherwise classified...	3
Wounds.....	33	Appendix:	
Alveolar Abscess.....	64	Appendicitis.....	167
Stomatitis.....	17	Rectum and Anus:	
Syphilis.....	36	Wounds.....	4
Tumors.....	8	Fissures.....	51
Hare Lip.....	1	Ischio-rectal Abscess....	154
Tonsil:		Fistula.....	90
Tonsillitis.....	36	Ulcer.....	1
Peritonsillar Abscess....	16	Syphilis.....	9
Tuberculosis.....	1	Hæmorrhoids.....	285
Hypertrophy.....	54	Tumor.....	1
Cancer.....	3	Prolapse of Rectum.....	13
Parotid, Submaxillary and other		Cancer.....	1
Salivary Glands:		Cirrhosis.....	6
Wounds.....	1	Gall Bladder and Ducts:	
Salivary Fistula.....	2	Cholecystitis.....	20
Parotitis.....	11	Gall Stones.....	18
Ranula.....	1	Peritoneum:	
Hyperplasia.....	20	Peritonitis.....	1
Tongue:		Hernia:	
Wounds.....	21	Inguinal.....	423
Sublingual Abscess.....	1	Femoral.....	14
Syphilis.....	8	Umbilical.....	38
		Ventral.....	6

URINARY SYSTEM, MALE AND FEMALE.			
Bladder:			
Cystitis.....	10	Tuberculosis.....	10
Papilloma.....	1	Gumma.....	4
Cancer.....	1	Undescended Testicle....	4
Ureters:		Retained Testicle.....	1
Wounds.....	1	Atrophy.....	4
Obstruction.....	1	Epididymitis.....	64
Kidney:		Cord and Vas Deferens:	
Perinephritic Abscess.....	3	Hydrocele.....	1
Hydronephrosis.....	1	Varicocele.....	23
Calculus.....	1	Spermatocele.....	1
Tuberculosis.....	8	Seminal Vesicles:	
Sarcoma.....	1	Vesiculitis.....	4
Movable Kidney.....	5	Tunica Vaginalis:	
		Hydrocele.....	30
GENITAL SYSTEM, MALE.		GENITAL SYSTEM, FEMALE.	
Penis:		Vulva:	
Wounds.....	1	Hæmatoma of Labia.....	3
Adherent Prepuce.....	18	Abscess of Labia.....	2
Dermatitis.....	4	Vagina:	
Herpes.....	13	Wounds.....	1
Balanitis.....	7	Cystocele.....	5
Chaneroid.....	66	Vaginitis.....	9
Chancre.....	39	Cervix Uteri:	
Venereal Warts.....	15	Cancer.....	4
Hypospadias.....	4	Fallopian Tubes:	
Epispadias.....	2	Salpingitis.....	5
Phimosis.....	30		
Paraphimosis.....	9	BREAST.	
Cancer.....	1	Abscess.....	17
Other diseases.....	14	Mastitis.....	9
Urethra:		Adeno-fibroma.....	6
Hæmorrhage.....	1	Adenoma.....	10
Urethritis:		Cancer.....	21
Simple.....	7	TUMORS NOT OTHERWISE CLASSIFIED.	
Gonorrhœal:		Lipoma.....	23
Anterior.....	205	Chondroma.....	1
Posterior.....	63	Carcinoma.....	8
Periurethral Abscess.....	8	Sarcoma.....	6
Stricture.....	64		
Extravasation of Urine...	2	UNCLASSIFIED.	
Prostate:		Abscesses.....	142
Prostatitis.....	50	Foreign Bodies.....	222
Abscess.....	1	Medical Diseases.....	50
Tuberculosis.....	4	Transferred to other depart-	
Hypertrophy.....	16	ments.....	449
Sarcoma.....	3	Eloped.....	18
Testicles:		Not treated.....	7
Contusions.....	2	No disease.....	57
Abscess.....	3	No diagnosis.....	47
		Total diseases.....	<u>16,878</u>

OUT-PATIENT DEPARTMENT.

DISEASES OF THE EYE.

IN CHARGE OF DRs. BOSSIDY, GREENWOOD AND WILLIAMS.

From February 1, 1911, to January 31, 1912, Inclusive.

CONJUNCTIVA.			
Conjunctivitis, Acute.....	220	Nebulæ.....	4
“ Catarrhal.....	32	Opacity.....	20
“ Chronic.....	31	Pannus.....	2
“ Follicular.....	21	Rupture.....	1
“ Phlyctenular.....	44	Hyphæmia.....	2
“ Purulent.....	12	Ulcer.....	26
“ Traumatic.....	17	Staphyloma.....	1
Burns.....	5	Episcleritis.....	6
Burns, Lime.....	3	Scleritis.....	3
Ecchymosis.....	13	Wounds.....	8
Foreign Body.....	25	Wounds of Cornea (penetrat-	
Hyperæmia.....	9	ing).....	2
Laceration.....	1	Powder Burns (Cornea and	
Œdema.....	4	Sclera).....	2
Pterygium.....	4	VITREOUS.	
Sub-conjunctival Ecchymo-		Hæmorrhage.....	1
sis.....	8	Opacities.....	6
Sub-conjunctival Hæmor-		Opacities, Floating.....	4
rhage.....	8	LENS.	
Symblepharon.....	3	Cataract, Complicated.....	1
Trachoma, Acute.....	6	“ Congenital.....	2
“ Chronic.....	2	“ Immature.....	12
Vernal Catarrh.....	1	“ Incipient.....	22
Wounds.....	2	“ Mature.....	5
CORNEA AND SCLEROTICA.		“ Senile.....	27
Keratitis.....	33	“ Traumatic.....	12
“ Interstitial.....	5	Aphakia.....	5
“ Marginal.....	2	Dislocation.....	6
“ Phlyctenular.....	28	Laceration.....	1
“ Traumatic.....	8	Scleroid Lenses.....	1
“ Ulcerative.....	2	GLOBE.	
Hypopion Keratitis.....	3	Exophthalmos.....	1
Abrasion.....	12	Nystagmus.....	3
Adherent Leucoma.....	6	Phthisis Bulbi.....	2
Burns.....	1	Rupture.....	1
Foreign Body.....	85		
Macula.....	19		

REFRACTION AND ACCOMMODATION.		Trichiasis.....	3
Astigmatism, Simple Myopic, 20		Tumor.....	4
" Compound Myopic..... 63		Ulcer.....	1
" Simple Hypermetropic.... 77		Verruca.....	1
" Compound Hypermetropic, 260		Wounds.....	7
" Mixed..... 45		Wounds, Perforating.....	5
Myopia..... 63		ORBIT.	
Hypermetropia..... 298		Injury.....	1
Anisometropia..... 6		NERVES AND MUSCLES.	
Asthenopia..... 9		Strabismus, Convergent....	31
Presbyopia..... 243		" Divergent.....	7
Paresis of Accommodation.. 1		" Alternating....	2
For Refraction..... 45		Paresis, Internal Rectus Muscle.....	1
LACHRYMAL APPARATUS.		" External Rectus Muscle.....	1
Abscess..... 2		Paralysis, Facial.....	1
Dacryocystitis..... 15		" Third Pair.....	4
Epiphora..... 3		" Sixth Pair.....	4
Fistula of Sac..... 1		Nystagmus.....	2
Obstruction..... 3		Blepharospasm.....	3
Stenosis of Duct..... 2		IRIS, CILIARY BODY AND CHOROID.	
LIDS.		Iritis.....	23
Blepharitis..... 118		" Gonorrhœal.....	2
Blepharitis, Marginal..... 25		" Rheumatic.....	4
Abrasion..... 1		" Syphilitic.....	8
Abscess..... 17		" Traumatic.....	4
Burns..... 5		Kerato-Iritis.....	7
Chalazion..... 37		Coloboma.....	2
Contusion..... 3		" Congenital.....	1
Cyst, Sebaceous..... 1		Choroiditis.....	11
Dermatitis..... 2		Anterior Synechiæ.....	2
Ecchymosis..... 9		Posterior Synechiæ.....	1
Ectropion..... 4		Occlusion of Pupil.....	2
Eczema..... 11		Iridocyclitis.....	1
Entropion..... 2		Lacerated Wound of Iris....	1
Epithelioma..... 4		Glaucoma.....	4
Erysipelas..... 1		Choroido-Retinitis.....	4
Erythema..... 1		Choroiditis, Atrophic.....	2
Foreign Body..... 4		Sarcoma of Choroid.....	1
Hordeolum..... 29		RETINA AND OPTIC NERVE.	
Infected Lids..... 3		Retinitis:	
Insect Bites..... 1		" Albuminuric.....	2
Molluscum..... 2		" Hæmorrhagic.....	2
Œdema..... 26		" Syphilitic.....	1
Papilloma..... 1		" Traumatic.....	1
Ptosis..... 4			

Neuro-Retinitis.....	5	Diagnosis deferred:	
Optic Neuritis.....	5	(Refraction Cases, to Re-	
Atrophy of Optic Nerve....	10	turn).....	164
Glioma.....	1	No diagnosis.....	177
Amblyopia.....	10	Not treated.....	12
“ Exanopsia.....	4	Refused treatment.....	2
“ Toxic.....	1	Referred to:	
Old Hæmorrhage of Macula.	1	House.....	10
Anæmia of Retina.....	1	X-Ray Department.....	3
Choked Disc.....	1	Medical O. P. Dept.....	12
		Surgical O. P. Dept.....	5
		Nerve O. P. Dept.....	10
		Ear O. P. Dept.....	3
		Throat O. P. Dept.....	8
		Other institutions.....	5
		Total diseases.....	2,977
		Less patients counted more	
		than once.....	565
		Total patients.....	<u>2,412</u>
MISCELLANEOUS.			
Burn of External Canthus..	1		
Epicanthus.....	2		
Ivy Poisoning.....	1		
Molluscum Contagiosum...	1		
Papilloma of Internal Can-			
thus.....	1		
Wounds of Brow.....	5		
No ocular disease.....	21		

OUT-PATIENT DEPARTMENT.

DISEASES OF THE SKIN.

IN CHARGE OF DRs. KEANY, PERRY, THORNDIKE AND BOARDMAN.

From February 1, 1911, to January 31, 1912, Inclusive.

Abrasions.....	2	Excoriations.....	2
Abscess.....	11	Fibroma.....	1
Acne.....	42	Furunculosis.....	16
" Pustulosa.....	4	Glossitis.....	1
" Rosacea.....	12	Hæmatoma.....	1
" Vulgaris.....	30	Herpes Facialis.....	1
Alopecia.....	6	" Zoster.....	10
" Areata.....	20	Hyperidrosis.....	4
" Prematura.....	1	Ichthyosis.....	1
Bromidrosis.....	1	" Congenitalis.....	1
Callositas.....	3	" Hysterica.....	1
Chromophytosis.....	1	Impetigo.....	30
Cicatrix.....	1	Impetigo Contagiosa.....	11
Comedones.....	2	Keloid.....	1
Dermatitis.....	80	Leucoderma.....	3
" Calorica.....	12	Lichen Planus.....	1
" Exfoliativa.....	1	" Rubra.....	1
" Herpetiformis.....	1	Lupus.....	5
" Pustulosa.....	5	Lymphangitis.....	1
" Seborrhœica.....	2	Measles.....	5
" Venenata.....	36	Milia.....	1
Ectropion.....	1	Mole.....	1
Eczema, Acute.....	307	Nævus.....	3
" Chronic.....	51	Paronychia.....	1
" Erythematosa.....	1	Pediculosis.....	6
" Impetiginous.....	16	" Capitis.....	17
" Lichenoid.....	1	" Corporis.....	6
" Papular.....	8	" Vestimentorum..	2
" Pustular.....	3	Peliosis Rheumatica.....	1
" Seborrhœica.....	7	Pemphigus.....	3
" Varicose.....	6	Pityriasis.....	5
Epithelioma.....	9	" Rosea.....	4
Erysipelas.....	6	Pruritis.....	13
Erythema.....	23	" Senilis.....	1
" Gangrenosa.....	1	Psoriasis.....	38
" Gyrata.....	1	Ringworm.....	5
" Multiforme.....	4	Rodent Ulcer.....	1
" Nodosum.....	3	Scabies.....	80
" Symptomatica....	1	Serofuloderma.....	1

Sebaceous Cyst.....	3	Varicella.....	8
Seborrhœa.....	9	Verruca.....	11
" Sicca.....	1	Vitiligo.....	3
Staphylococcia.....	66	No skin disease.....	19
Sycosis.....	5	Diagnosis deferred.....	62
Syphilis.....	73	Not treated.....	10
Telangiectasis.....	1	Eloped.....	6
Tinea.....	4	Refused examination.....	3
" Barba.....	3	Referred to:	
" Capitis.....	14	Medical O. P. Dept.....	3
" Circinata.....	7	Surgical O. P. Dept.....	11
" Corporis.....	11	Gynæcological O. P.	
" Tonsurans.....	3	Dept.....	4
" Trichophytina.....	5	House.....	11
" Versicolor.....	1		
Tuberculosis Cutis.....	1	Total diseases.....	1,418
Tylosis.....	1	Less patients counted more	
Ulcer.....	10	than once.....	47
" Varicose.....	14		
Urticaria.....	27	Total patients.....	<u>1,371</u>

OUT-PATIENT DEPARTMENT.

DISEASES OF THE NERVOUS SYSTEM.

IN CHARGE OF DRs. PRINCE, KNAPP, THOMAS, FAIRBANKS AND CORIAT.

From February 1, 1911, to January 31, 1912, Inclusive.

I. PERIPHERAL NERVES.

(a.) *Cranial.*

Atrophy of Optic Nerve....	2
Neuralgia.....	2
" Amputation.....	1
" Supraorbital.....	2
" Trifacial.....	2
" Trigeminal.....	9
Neuritis, Facial.....	2
" Optic.....	1
Paralysis, Facial.....	16
" Oculomotor.....	2
Paresis, Vocal Cords.....	1

(b.) *Spinal.*

Neuritis.....	2
" Abducens.....	1
" Alcoholic.....	1
" Brachial.....	6
" Lead.....	2
" Median.....	2
" Multiple.....	2
" Radial.....	8
" Septic.....	1
" Traumatic.....	1
" Ulnar.....	9
Paralysis, Anterior Crural...	1
" Circumflex.....	1
" Deltoid.....	1
" Median (sensory) .	1
" Median and Ulnar,	1
" Musculospiral....	11
" Peroneal.....	3
" Post-diphtheritic..	3
" Radial.....	3
" Ulnar.....	7
Meralgia Paræsthetica.....	1
Polyneuritis.....	1
Paræsthesia.....	5

Post-diphtheritic Weakness,	1
Sciatica.....	14

II. SPINAL CORD AND SPINE.

(a.) *Spine.*

Arthritis.....	3
Osteoarthritis.....	3
Rachitis.....	1
Spondylose Rhizomélisque...	1

(b.) *Spinal Cord.*

Amyotrophic Lateral Sclerosis.....	1
Anterior Poliomyelitis.....	3
Combined System Disease...	1
Multiple Sclerosis.....	2
Muscular Dystrophy.....	1
Myelitis.....	1
Progressive Muscular Atrophy.....	2
Syphilis.....	2
Tabes Incipiens Superior...	1
" Dorsalis.....	21
Tremor.....	1
Tumor.....	1

III. BRAIN.

Athetosis.....	1
Arteriosclerosis.....	5
Cerebellar Tumor.....	2
Cerebral Syphilis.....	18
Embolism.....	1
General Paralysis.....	4
" " Juvenile...	1
Hemianæsthesia.....	1
Hemiplegia.....	7
Thrombosis.....	2
Tumor.....	4

IV. NEUROSES AND PSYCHO-
NEUROSES.

Association Neurosis.....	1
Cephalalgia.....	14
Chorea.....	33
Epilepsy.....	28
" Traumatic.....	1
Habit Spasm.....	3
Hysteria.....	19
Insomnia.....	2
Migraine.....	4
Myalgia.....	3
Nervous Irritability.....	4
Neurasthenia.....	58
" Sexual.....	5
Neuropathic Predisposition.....	1
Occupation Neuroses.....	5
Paralysis Agitans.....	1
Petit Mal.....	2
Psychasthenia.....	13
" Menstrual....	1
Psychoneurosis.....	1
Singultus.....	1
Traumatic Neuroses.....	3
Tic.....	1
Senile Tremor.....	1
Spasmodic Torticollis.....	1
Stammering.....	2
Syncope.....	2

V. PSYCHOSES.

Dementia.....	2
" Paralytica.....	4
" Præcox.....	10
" Senilis.....	1
Feeble-mindedness.....	7
Hallucinosi.....	3
Hypochondriasis.....	1
Melancholia.....	1
Paranoia.....	2

VI. TROPHIC AND VASO-MOTOR
NEUROSES.

Vaso-Motor Neuroses.....	5
Exophthalmic Goitre.....	2

VII. INTOXICATIONS.

Alcoholism.....	9
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UNCLASSIFIED.

Achondroplasia Fœtalis.....	1
Albino.....	3
Angioneurotic Edema.....	2
Ankylosis of Shoulder.....	1
Arteriosclerosis.....	17
Arthritis.....	6
" of Hip.....	1
Blepharospasm.....	1
Bursitis.....	4
Chronic Lead Poisoning....	1
Coryza and Adenoids.....	1
Dislocation of Humerus....	1
Disuse Atrophy.....	5
Dyspepsia.....	1
Flat Foot.....	1
Fracture of Skull.....	1
Goitre.....	1
Incontinence.....	1
Injury to Shoulder.....	1
" " Tendons.....	1
Labyrinthine Vertigo.....	1
Leucorrhœa.....	1
Lipoma.....	1
Luxated Lens.....	1
Mastoid Disease.....	1
Masturbation.....	1
Menopause.....	2
Myocarditis.....	1
Myositis.....	2
Nephritis.....	1
Osteoarthritis.....	1
Pavor Nocturnus.....	6
Periarthritis.....	1
Periostitis.....	2
Pes Planus.....	9
Phimosis.....	1
Phthisis.....	1
Rheumatism.....	1
Rigg's Disease.....	2
Spastic Speech Defect.....	1
Stammering.....	1
Syphilis.....	4
Subdeltoid Bursitis.....	2
Tenosynovitis.....	1
Tonsillitis.....	1
Trichinosis.....	1
Not examined.....	7
Not treated.....	12

No neurological disease.....	24	Eye O. P. Dept.....	4
Diagnosis deferred.....	13	Other departments.....	7
No diagnosis.....	14		
No disease.....	4	Total diseases.....	670
Referred to:		Less patients counted more	
Medical O. P. Dept.....	3	than once.....	34
Surgical O. P. Dept.....	5		
Gynæcological O. P. Dept.	1	Total patients.....	<u>636</u>
Throat O. P. Dept.....	1		

OUT-PATIENT DEPARTMENT.

DISEASES OF THE THROAT.

IN CHARGE OF DRs. DEBLOIS, COFFIN, VOGEL AND BLODGETT.

From February 1, 1911, to January 31, 1912, Inclusive.

NOSE.			
Rhinitis, Acute.....	13	Trauma of Nose.....	2
“ Sub-acute.....	2	Turbinates, Hypertrophy...	43
“ Chronic.....	38	“ Cystic Degen-	
“ Atrophic.....	38	eration.....	2
“ Hypertrophic.....	23	“ Polypoid Degen-	
“ Pseudo-atrophic...	1	eration.....	3
“ Purulent.....	5	NASO-PHARYNX.	
“ Vaso-motor.....	13	Adenoids.....	172
Septum, Abscess.....	2	Adenoids and Tonsils.....	1,160
“ Deviation.....	218	Nasopharyngitis.....	87
“ Erosion.....	8	MOUTH, TONGUE AND PHARYNX.	
“ Excoriation.....	14	Alveolar Abscess.....	1
“ Necrosis.....	2	Lupus.....	2
“ Neoplasm.....	1	Stomatitis.....	7
“ Perforation.....	12	Leucoplakia.....	6
“ Spur.....	56	Herpes Labialis.....	1
“ Syphilitic Ulcera-		“ Buccalis.....	2
tion.....	2	“ of Tongue.....	1
“ Thickening.....	12	Leptothrix Buccalis.....	3
Contusion of Nose.....	1	Ranula.....	1
Dislocation of Nasal Carti-		Syphilis of Tongue.....	2
lages.....	4	Abscess of Pharynx.....	1
Dislocation of Nasal Bones..	3	Pharyngitis, Acute.....	53
Eczema.....	7	“ Sub-acute.....	16
Epistaxis.....	53	“ Chronic.....	35
Foreign Body.....	6	“ Follicular.....	17
Fracture of Nose.....	8	“ Hypertrophic...	6
Fracture, Old, Depressed...	1	“ Rheumatic....	2
Furuncle.....	6	“ Sicca.....	3
Lupus.....	1	“ Syphilitic....	4
Œdema of Vestibule.....	1	“ Ulcerative....	2
Polypi.....	20	Pharyngomycosis.....	1
Sinusitis, Antrum.....	13	Tonsillitis, Acute.....	36
“ Ethmoid.....	20	“ Sub-acute.....	22
“ Frontal.....	19	“ Chronic.....	8
“ Multiple.....	2	“ Follicular.....	36
Sphenoiditis.....	2	“ Chronic Follicular	5
Synechiæ.....	3	“ Syphilitic.....	2

Foreign Body in Tonsil.....	1
Peritonsillar Abscess.....	51
Hypertrophied Tonsils.....	693
Lingual Tonsils.....	19
Ulcer under Tongue.....	1
Lingual Varix.....	1
Elongated Uvula.....	7
Bifid Uvula.....	2
Papilloma of Uvula.....	1
Uvulitis, Acute.....	1
Cleft Palate.....	4
Paresis of Soft Palate.....	1
Globus Hystericus.....	3
Foreign Body in Throat.....	5
Trauma of Throat.....	4
Diphtheria.....	10

LARYNX.

Laryngitis, Acute.....	25	Anæmia.....	2
“ Sub-acute.....	33	Brönchitis.....	2
“ Chronic.....	17	Bronchocele.....	1
“ Rheumatic.....	7	Carcinoma of Jaw.....	1
“ Sicca.....	4	Carious Teeth.....	1
“ Syphilitic.....	3	Erysipelas.....	4
“ Tubercular.....	8	Foreign Body in Œsophagus,	1
Hysterical Aphonia.....	1	Hysteria.....	1
Pachydermia Laryngis.....	1	Inflammation of Trachea...	1
Tumor of Larynx.....	1	Neuralgia.....	1
Œdema of Epiglottis.....	2	“ Frontal.....	1
“ “ Glottis.....	1	Parotitis.....	4
Singer's Nodes.....	2	Pertussis.....	1
Paralysis of Recurrent		Syphilis.....	12
Laryngeal.....	3	Tubercular Glands.....	1
Paralysis of Left Vocal Cord,	2	Vincent's Angina.....	1
Relaxation of Vocal Cords..	2	No disease.....	18
Tuberculosis of Vocal Cords,	1	No diagnosis.....	4
Undeveloped Cords.....	1	Diagnosis Deferred.....	2
Swelling of Arytenoids....	1	Refused Treatment.....	4
Perichondritis.....	2	Eloped.....	6
Foreign Body in Bronchus..	1	Non-resident.....	3
		Referred to:	
		Ear O. P. Dept.....	38
		Eye O. P. Dept.....	8
		Surgical O. P. Dept.....	19
		Skin O. P. Dept.....	11
		Nerve O. P. Dept.....	5
		Medical O. P. Dept.....	40
		X-Ray Department.....	3
		South Department.....	24
		Vaccine Department.....	3
		Dentist.....	3
		Infants' Hospital.....	5
		Children's Hospital.....	2
		Mass. General Hospital..	8
		Total diseases.....	3,562
		Less patients counted	
		more than once.....	766

UNCLASSIFIED.

Adenitis.....	2
“ Cervical.....	23

Total patients..... 2,796

ANTERIOR NASAL CAVITIES.		LARYNX.	
Inflammation:		Laryngitis, Acute.....	5
Rhinitis, Acute.....	4	Laceration.....	1
" Atrophic.....	10	Tuberculosis.....	2
" Hypertrophic...	8	Foreign Body.....	1
Dislocation of Nasal Cartilage.....	2	Paralysis of Right Cord....	1
Dislocation of Nasal Bone...	2	Fixation of Right Arytenoid,	1
Eczema of Nares.....	2	TONSILS.	
Epistaxis.....	15	Inflammation:	
Foreign Body.....	3	Acute.....	8
Fracture of Nose.....	6	Follicular.....	4
Polypi.....	7	Acute Hypertrophic.....	128
Septum:		Hypertrophied Lingual Tonsils.....	2
Abscess.....	2	Peritonsillar Abscess.....	10
Deviation.....	53	" Cellulitis.....	1
Erosion.....	2	NEUROSES.	
Hæmatoendothelioma....	1	Reflex Otalgia.....	19
Perforation.....	3	UNCLASSIFIED.	
Spurs.....	24	Adenitis, Cervical.....	5
Ulceration.....	2	" Post-auricular....	4
Hypertrophied Turbinates...	8	Paralysis, Facial.....	2
Polypoid Degeneration of		Syphilis.....	7
Turbinates.....	4	Tubal Stenosis.....	5
NASO-PHARYNX.		Vincent's Angina.....	1
Adenoids.....	240	Diagnosis Deferred.....	11
Naso-pharyngitis.....	7	No ear disease.....	14
ACCESSORY SINUSES.		No diagnosis.....	37
Inflammation:		Not treated.....	1
Antrum of Highmore....	3	Refused treatment.....	1
Ethmoid Cells.....	6	Referred to other departments.....	20
Frontal Sinusitis.....	10	Total diseases.....	2,101
Sphenoiditis.....	2	Less patients counted more than once.....	682
PHARYNX.		Total patients.....	<u>1,419</u>
Pharyngitis, Acute.....	1		
" Chronic.....	2		
Foreign Body.....	4		

OUT-PATIENT DEPARTMENT.

DISEASES OF WOMEN.

IN CHARGE OF DRs. GREEN, NEWELL, YOUNG, FRIEDMAN AND MASON.

From February 1, 1911, to January 31, 1912, Inclusive.

DISEASES OF THE VULVA.		(d.) Displacements:	
Abscess, Vulvo-vaginal.....	9	Anteflexion.....	28
Cyst, Vulvo-vaginal.....	1	Retroversion.....	104
Chancre.....	1	“ with Ad-	
Chancroids.....	9	hesions.....	3
Condylomata.....	3	Retroflexion.....	7
Furunculosis.....	1	Retrocession.....	1
Papilloma.....	1	Prolapse.....	6
Pruritis.....	3	Procidentia.....	14
DISEASES OF THE VAGINA.		(e.) Unclassified:	
Atresia.....	1	Lacerated Cervix....	74
Congestion of External Geni-		“ “ and	
tals.....	1	Perineum.....	21
Fistula, Recto-vaginal.....	1	Subinvolution.....	11
“ Vesico-vaginal.....	1	(f.) Functional:	
Neisser Infection.....	13	Amenorrhœa.....	6
Vaginitis, Simple.....	2	Beginning Menstrua-	
“ Gonorrhœal.....	8	tion.....	1
Vulvo-vaginitis, Gonorrhœal		Dysmenorrhœa.....	9
(children).....	6	Menopause.....	5
		Menorrhagia.....	4
		Metrorrhagia.....	4
DISEASES OF THE UTERUS.		DISEASES OF UTERINE	
(a.) Developmental:		APPENDAGES.	
Rudimentary Uterus.....	1	Pelvic Abscess.....	1
(b.) Inflammatory:		“ Inflammation.....	50
Endocervicitis.....	11	Salpingitis.....	46
Endometritis.....	39	“ Tubercular.....	2
Ectropion of Cervix..	1	Ovaritis.....	1
Erosion of Cervix....	1	Ovarian Cyst.....	12
(c.) New Growths:		Prolapsed Ovary.....	2
Fibroids.....	23	“ Tube and Ovary..	1
Carcinoma of Cervix..	19	“ Tubo-ovarian Mass.....	3
“ “ Fundus,	5		
Cervical Cysts.....	1	DISEASES OF THE URINARY	
“ Polyp.....	6	ORGANS.	
Malignant Disease...	1	Cystocele.....	28
Uterine Polyp.....	1	“ and Rectocele....	15

Rectocele.....	13	Hæmorrhoids.....	8
Cystitis.....	2	Hernia, Inguinal.....	3
Concentrated Urine.....	1	“ Umbilical.....	2
Rupture of Urethra.....	1	“ Ventral.....	4
Urethral Caruncle.....	2	Lipoma, Abdominal Wall...	1
PREGNANCY, PARTURITION AND PUERPERIUM.		Morphinism.....	1
Pregnancy.....	80	Neurasthenia.....	1
Dead Fœtus in Uterus.....	1	Neuritis, Ulnar.....	1
Ectopic Gestation.....	3	Obesity.....	1
Placenta Prævia.....	1	Pediculosis Pubis.....	1
Eclampsia.....	1	Perineal Stitch (Post-opera-	
Miscarriage, Complete.....	16	tive).....	1
“ Incomplete.....	2	Post-operative.....	1
“ Threatened.....	8	Sterility.....	18
Lacerated Perineum.....	9	Stricture of Rectum.....	1
Lactating Breasts.....	2	Suprapelvic Vesical Fistula,	1
Pernicious Vomiting of Preg-		Syphilis.....	8
nancy.....	1	Tubercular Peritonitis.....	1
UNCLASSIFIED.		Varicose Veins.....	1
After Laparotomy.....	40	Nothing gynæcological found	9
“ Plastic.....	2	Examination unsatisfactory	
“ Trachelorrhaphy.....	5	without ether.....	1
“ Vaginal Section.....	2	Diagnosis deferred.....	95
“ Vulvo-vaginal Abscess,	4	Eloped.....	2
Alcoholism.....	1	Refused treatment.....	1
Appendicitis.....	3	Referred to:	
“ Chronic.....	5	Surgical O. P. Dept.....	1
Abscess of Breast.....	1	Medical O. P. Dept.....	7
Adenitis, Inguinal.....	1	Skin O. P. Dept.....	1
Arthritis.....	1	Nerve O. P. Dept.....	1
Constipation.....	78	Vaccine Department.....	6
Cysts of Breast.....	1	House.....	41
Debility.....	4	Lying-In Hospital.....	6
Dermatitis.....	1	Total diseases.....	1,153
Fibroid, Broad Ligament...	1	Less patients counted	
Gonorrhœa.....	5	more than once.....	227
		Total patients.....	<u>926</u>

SOUTH DEPARTMENT.

IN CHARGE OF DR. E. H. PLACE, PHYSICIAN-IN-CHIEF.

From February 1, 1911, to January 31, 1912, Inclusive.

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.					In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Died.	Total.	
Diphtheria.....	124	502	540	1,042	1,001	.....	.....	93	1,094	72
Rubeola.....	6	177	184	361	330	.....	.....	18	348	19
Scarlatina.....	115	299	357	656	653	.....	.....	37	690	81
Diphtheria and Bronchopneumonia.....		1	1	2	.....	.....	.....	2	2	.....
Diphtheria and Heart Disease.....		1	.....	1	1	.....	.....	.....	1	.....
Diphtheria and Hernia.....		1	.....	1	1	.....	.....	.....	1	.....
Diphtheria and Meningitis.....		1	.....	1	.....	.....	.....	1	1	.....
Diphtheria and Otitis Media.....		.....	1	1	1	.....	.....	.....	1	.....
Diphtheria and Post-Diphtheritic Paralysis.....		.....	1	1	1	.....	.....	.....	1	.....
Diphtheria and Pertussis.....		4	3	7	7	.....	.....	.....	7	.....
Diphtheria and Rheumatism.....		.....	1	1	*1	.....	.....	.....	1	.....
Diphtheria and Rubeola.....	1	7	7	14	13	.....	.....	1	14	1
Diphtheria and Scarlatina.....		3	3	6	5	.....	.....	1	6	.....
Diphtheria and Tuberculosis.....		3	.....	3	*3	.....	.....	.....	3	.....
Diphtheria and Tuberculous Hip.....		1	.....	1	*1	.....	.....	.....	1	.....
Diphtheria and Varicella.....	1	3	2	5	2	.....	.....	2	4	2
Diphtheria, Bronchopneumonia, Rubeola.....		.....	1	1	.....	.....	.....	1	1	.....
Diphtheria, Diabetes, Neuritis.....		1	.....	1	.....	.....	.....	1	1	.....
Rubeola and Bronchopneumonia.....		3	4	7	.....	.....	.....	7	7	.....
Rubeola and Ichthyosis.....		1	.....	1	1	.....	.....	.....	1	.....
Rubeola and Meningitis.....		1	.....	1	.....	.....	.....	1	1	.....
Rubeola and Pertussis.....	1	1	.....	1	2	.....	.....	.....	2	.....
Rubeola and Scarlatina.....		2	5	7	5	.....	.....	2	7	.....
Rubeola, Pertussis, Pneumonia.....	1	.....	.....	.....	.....	.....	.....	1	1	.....
Scarlatina and Appendicitis.....		1	.....	1	1	.....	.....	.....	1	.....
Scarlatina and Abscess of Neck.....		1	.....	1	.....	.....	.....	1	1	.....

* Well of diphtheria.

SOUTH DEPARTMENT.—Continued.

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.					In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Died.	Total.	
Scarlatina and Burns.....		1		1	1				1	
Scarlatina and Bronchopneumonia.....			1	1				1	1	
Scarlatina and Erysipelas.....			1	1	1				1	
Scarlatina and Fracture of Femur.....		1		1	1				1	
Scarlatina and Fracture of Humerus.....			1	1	1				1	
Scarlatina and Fracture of Nose.....		1		1	1				1	
Scarlatina and Fracture of Skull.....		1		1	1				1	
Scarlatina and Ludwig's Angina.....			1	1				1	1	
Scarlatina and Nephritis.....		1	2	3	2			1	3	
Scarlatina and Parotitis.....		1		1	1				1	
Scarlatina and Pertussis.....			2	2	2				2	
Scarlatina and Positive Cultures.....		1		1	1				1	
Scarlatina and Tuberculosis.....		1		1	*1				1	
Scarlatina and Tuberculous Hip.....			1	1	*1				1	
Scarlatina and Tuberculous Knee.....		1		1	*1				1	
Scarlatina and Varicella.....	1		3	3	3				3	1
Scarlatina, Rubeola, Otitis Media.....			1	1	1				1	
Abscess.....			1	1						1
Abscess, Peritonsillar.....		1		1	1				1	
Abscess, Peritracheal, Cervical Adenitis.....		1		1				1	1	
Abscess, Retro-Pharyngeal.....		2		2	1			1	2	
Burns.....		1		1	1				1	
Dermatitis Venenata.....		1		1	1				1	
Œdema Angio-Neurotic.....			1	1	1				1	
Erysipelas.....		1		1	1				1	
Erythema Multiforme.....			1	1						1
Laryngitis.....		1	1	2	2				2	
Laryngitis and Lobar Pneumonia.....			1	1	1				1	
Nephritis.....			1	1	1				1	
Osteomyelitis.....			1	1		1			1	
Parotitis.....			1	1	1				1	
Pertussis.....		2	3	5	5				5	

* Well of scarlatina.

SOUTH DEPARTMENT.—*Concluded.*

DISEASES.	In Hospital Feb. 1, 1911.	ADMITTED.			DISCHARGED.					In Hospital Jan. 31, 1912.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Died.	Total.	
Pertussis and Laryngitis.....		2		2	2				2	
Peritonitis.....		1		1	1				1	
Positive Cultures.....		4	8	12	12				12	
Rhinitis.....		2	2	4	4				4	
Rubella.....		2	11	13	13				13	
Rhinitis and Pharyngitis.....		1		1	1				1	
Still Birth.....		1	1	2				2	2	
Streptococcus Sore Throat.....	1				1				1	
Syphilis.....		1		1		1			1	
Tonsillitis.....		10	15	25	24				24	1
Tonsillitis and Otitis Media.....			1	1	1				1	
Typhoid Fever and Pregnancy.....			1	1	1				1	
Urticaria.....		1		1	1				1	
Varicella.....			2	2						2
Varicella and Mastoiditis.....	1							1	1	
Vincent's Angina.....		2	2	4	4				4	
No disease.....	2	1	6	7	9				9	
Observation.....		7	1	8	8				8	
Totals.....	254	1,068	1,184	2,252	2,146	2		177	2,325	181
OPERATIONS.										
Curettage.....		1		1	1				1	
Empyema.....		2	2	4	2			*2	4	
Intubation.....	12	83	63	146	124			†24	148	10
Mastoid.....		5	6	11	9			‡2	11	
Tracheotomy.....		8	5	13	2			\$11	13	
Totals.....	12	99	76	175	138			39	177	10

* Empyema Cause of Death:

Septic Arthritis..... 2

† Intubations Cause of Death:

Bronchopneumonia..... 15

Extension of Membrane..... 6

Pertussis and Peritonitis..... 1

Sepsis..... 2

Total..... 24

‡ Mastoid Cause of Death:

Scarlatina and Sepsis..... 1

Scarlatina Bronchopneumonia and

Intubation..... 1

Total..... 2

§ Tracheotomy Cause of Death:

Edema of Glottis and Myocarditis... 1

Scarlatina and Sepsis..... 2

Tuberculosis and Peritracheal Abscess.. 1

Extension of Membrane..... 7

Total..... 11

HAYMARKET SQUARE RELIEF STATION.

SURGICAL OPERATIONS.

From February 1, 1911, to January 31, 1912, Inclusive.

OPERATIONS.	Males.	Females.	Total.	Relieved.	Not Relieved.	To Boston City Hospital.	Died.	In Hospital Jan. 31, 1912.	Total.	REMARKS.
Amputations:										
Upper Extremity.....	2	...	2	1	...	...	...	1	2	
Lower Extremity.....	3	...	3	...	...	3	...	...	3	
Arteriorrhaphy.....	1	...	1	1	...	...	...	...	1	
Arthrotomy.....	2	...	2	...	...	2	...	...	2	
Genito-Urinary:										
Cystotomy.....	2	...	2	...	...	2	...	...	2	
Urethrotomy, External..	1	...	1	...	...	1	...	...	1	
Gynæcological:										
Curettage.....	...	4	4	3	...	...	1	...	4	{ Septic Endocarditis and Septicæmia, 18 hours.
Delivery.....	...	1	1	1	...	...	...	...	1	
Herniotomy.....	1	...	1	...	...	1	...	...	1	
Incisions.....	3	3	6	2	...	3	1	...	6	{ Edema of Glottis and Shock, 6 hours. General Peritonitis, 24 hours.
Laparotomy.....	8	1	9	...	...	8	1	...	9	
Reductions:										
Dislocations, Simple.....	5	2	7	2	...	5	...	...	7	
Fractures, Compound:										
Skull.....	9	...	9	3	...	5	1	...	9	{ Laceration of Brain, 12 hours.
Upper Extremity.....	1	...	1	...	...	1	...	...	1	
Lower Extremity.....	9	...	9	...	...	8	1	...	9	{ Multiple Injuries and Shock, 6 hours. Hæmorrhage, 1 hour; Pneumonia, 86 hours.
Repair.....	34	2	36	14	...	20	2	...	36	
Suture.....	2	...	2	1	...	1	...	...	2	
Thoracotomy.....	3	...	3	1	...	...	1	1	3	{ Exhaustion and Shock, 80 hours.
Tonsillectomy.....	1	...	1	1	...	...	...	...	1	
Tracheotomy.....	1	...	1	...	...	...	1	...	1	{ Edema of Glottis and Shock, 6 hours. Laceration of Brain, 30 hours. Laceration of Brain, 40 hours. Laceration of Brain, 30 hours. Laceration of Brain, 50 hours. Laceration of Brain, 60 hours. Laceration of Brain, 80 hours. Laceration of Brain, 80 hours. Laceration of Brain, 40 hours. Compression and Shock, 48 hours.
Trephine.....	12	1	13	3	...	...	9	1	13	
Totals.....	100	14	114	33	...	60	18	3	114	

EAST BOSTON RELIEF STATION.

SURGICAL OPERATIONS.

From February 1, 1911, to January 31, 1912, Inclusive.

OPERATIONS.	Males.	Females.	Total.	Relieved.	Not Relieved.	To Boston City Hospital.	Died.	In Hospital Jan. 31, 1912.	Total.	REMARKS.
Amputations:										
Major.....	3	.....	3	3	.....	.....	.....	.....	3	
Minor.....	24	3	27	27	.....	.....	.....	.....	27	
Bullet Wounds.....	5	2	7	7	.....	.....	.....	.....	7	
Circumcision.....	3	.....	3	3	.....	.....	.....	.....	3	
Curettage.....	.....	5	5	4	.....	1	.....	.....	5	
Herniotomy.....	1	.....	1	.....	.....	1	.....	.....	1	
Incisions.....	12	2	14	7	.....	6	.....	1	14	
Laparotomy:										
Extra Uterine Pregnancy, ....	.....	1	1	1	.....	.....	.....	.....	1	
Peritonitis, General. ....	.....	1	1	.....	.....	.....	1	.....	1	Toxæmia, 5 days.
Stab Wound of Abdomen, 2	.....	2	2	1	.....	1	.....	.....	2	
Obstruction, Intestinal. ....	.....	1	1	.....	.....	1	.....	.....	1	
Reduction:										
Dislocations:										
Upper Extremity.....	4	1	5	2	.....	3	.....	.....	5	
Lower Extremity.....	7	.....	7	3	.....	4	.....	.....	7	
Fractures, Simple:										
Upper Extremity.....	1	.....	1	1	.....	.....	.....	.....	1	
Lower Extremity.....	1	1	2	2	.....	.....	.....	.....	2	
Fractures, Compound:										
Elbow.....	5	2	7	7	.....	.....	.....	.....	7	
Hip.....	1	.....	1	.....	.....	1	.....	.....	1	
Shoulder.....	12	2	14	14	.....	.....	.....	.....	14	
Suture:										
Muscle.....	1	.....	1	.....	.....	1	.....	.....	1	
Tendon.....	5	1	6	3	.....	2	.....	1	6	
Ulcer, Perforated Gastric.....	.....	1	1	.....	.....	.....	.....	1	1	
Totals.....	87	23	110	85	.....	21	1	3	110	

BEQUESTS.

FUNDS WITH INTEREST ONLY AVAILABLE.

<i>Goodnow Fund.</i> — For the support of free beds . . .	\$26,000 00
<i>Nichols Fund.</i> — For the establishment and endowment of a City Hospital . . .	2,000 00
<i>Norcross Fund.</i> — For the benefit of patients leaving the hospital poor and destitute of proper clothing . . .	2,000 00
<i>Ball Fund.</i> — For the same purpose and under the same restrictions as the Norcross Fund . . .	1,000 00
<i>Goodnow Library Fund.</i> — For replenishing the library of the hospital with books and pamphlets suitable for the reading of the patients during convalescence . . .	1,000 00
<i>Shaw Fund.</i> — For the purchase of flowers and fruit for the use and comfort of the patients in the hospital . . .	2,000 00
<i>Perkins Fund.</i> — For books for the Medical Library, and for the purchase of artificial limbs and surgical appliances for the use and relief of patients leaving the hospital . . .	7,500 00
<i>Cheever Fund.</i> — To purchase and present to each house surgeon when his service expires a pocket case of surgical instruments, as a gift from Dr. David W. Cheever . . .	3,000 00
<i>Charles P. Hemenway Fund.</i> — For a free bed, to be known as the Charles P. Hemenway Memorial Bed . . .	5,000 00
<i>Herbert L. Burrell Ether Prize Fund.</i> — For a money prize to be given to the house officer who administers ether or other anæsthetic in the most skillful and humane manner . . .	1,000 00
<i>Silas Durkee Fund.</i> — “For the benefit of the Boston City Hospital” . . .	15,050 00
<i>Daniel S. Ford Fund.</i> — “For the benefit of the Boston City Hospital” . . .	6,000 00
<i>Carter Fund.</i> — For books for the benefit of the Training School for Nurses . . .	2,000 00
<i>Hettie Lang Shuman Memorial Library Fund.</i> — To be expended in perpetuity by the trustees for new books for the use of hospital patients and for the replacing of volumes that have become damaged, lost or destroyed . . .	2,000 00
<i>William T. Bolton Fund.</i> — For the benefit of the Boston City Hospital . . .	500 00

<i>Patrick A. Collins Memorial Library Fund.</i> — For the purchase of new books for the use of hospital patients, and for the replacing of those that have become damaged, lost or destroyed,	\$500 00
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FUNDS WITH BOTH PRINCIPAL AND INTEREST
AVAILABLE.

<i>Wyman Building Fund.</i> — Rest and residue of the Thomas T. Wyman estate. Balance on hand January 31, 1912	5 45
<i>Patrick A. Collins Memorial Library Fund.</i> — To purchase bookcases and books for the use of hospital patients. Balance on hand January 31, 1912	1,117 61

THE BOSTON CITY HOSPITAL TRAINING SCHOOL FOR NURSES.

The Trustees of the Boston City Hospital in 1878 established a Training School for Nurses, the fourth organized in the United States, in order to give to women desirous of becoming professional nurses a systematic course of training and practice.

The Training School is controlled by the trustees of the hospital, like all other departments of the hospital service. The Superintendent of the Hospital has the general supervision of all matters relating to the school, its course of work and study, lectures and discipline. The Superintendent of Nurses has the immediate charge of all the nursing in the hospital, of all persons employed in the wards, and also the instruction and management of the nurses in the Training School. All female nurses in the hospital must be connected with the school.

The hospital in all its departments contains 1,061 beds for patients as follows:

Main Hospital	655
South Department for Infectious Diseases	340
Haymarket Square Relief Station	20
East Boston Relief Station	10
Convalescent Home	36
Total	<u>1,061</u>

The number and variety of cases in each department afford ample material for observation and instruction. The course requires three years, and includes general medical and surgical nursing, together with ophthalmic, aural and gynæcological nursing, also the nursing of children, and infectious diseases and of emergency surgical work. There are no maternity wards connected with the hospital, but a course in maternity nursing has been provided at maternity hospitals elsewhere, without extra cost to the nurse.

The most desirable age for candidates is from twenty-one to thirty-five years. They must be of sound health,

and should send with their application a certificate from a physician certifying to the fact. They should also send a brief personal history, and give the names and addresses of three responsible persons, not of their own kin, preferably their last employer, if any, or business men of their acquaintance, who know of their good character and capabilities. Upon the recommendation of the Superintendent of the Hospital and Superintendent of Nurses, they will be received for three months on probation. The fitness of candidates for the training and work, and the propriety of retaining or dismissing them, will be determined by the authorities in charge of the school, under the direction of the trustees. An entrance examination is given to all candidates before or during the term of probation. The examination is in simple arithmetic, English composition and writing from dictation, etc., and is in no sense so severe as to prevent anyone who is capable of undertaking the work of a trained nurse from so doing. The Superintendent of Nurses will have a personal interview with candidates for the school on Tuesdays from ten to twelve o'clock.

At the end of the second month candidates, if considered satisfactory, are permitted to wear the cap and enter upon the regular course of training, but such candidates are not permitted to join the school formally until the end of the third month, when, if accepted, they sign an agreement to complete the prescribed course of three years, and to conform to all rules. At the end of the first six months the record and work of each pupil are carefully scrutinized as to her fitness to make a good nurse, and the right is reserved by the authorities of the hospital to terminate then, or at any time, the connection of any pupil or nurse with the school, for inefficiency, misconduct, generally unsatisfactory record, or for any other reason which may be deemed sufficient.

The nurses in the Training School (including probationers) reside at the three nurses' homes connected with the hospital. These houses are attractive and homelike, and have the best of conditions necessary to good health and personal hygiene, while recreation and amusement, necessary to a wholesome life, have been considered in the music room, library and reception rooms provided.

The Superintendent of Nurses has the immediate charge of the Training School, under the authority of

the Superintendent of the Hospital and of the trustees, and the nurses are subject to the rules of the hospital, like any other service.

The instruction includes the general care of the sick, the making of beds, changing bed and body linen, managing of helpless patients in bed, etc., giving baths, keeping patients warm or cool, prevention or dressing of bed sores, and proper management of the patient under various conditions, with different diseases or injuries; the making and applying of bandages and rollers, preparation of splints, application and management of surgical apparatus, applying of fomentations and poultices, the dressing of burns, ulcers and wounds, and other minor dressings, cupping, leeching and subsequent treatment, the administering of enemata, and the use of the female catheter.

Nurses are taught how to act in the various emergencies occurring in hospital and private nursing, as well as in the accidents of ordinary life. They are also given lessons in massage by a professional instructor. There is a systematic course of training in cookery for the sick, the serving of food and delicacies in the proper manner, and the feeding of helpless patients, or those who resist food.

Instruction is also given in the best practical methods of supplying fresh air, of warming and ventilating sick rooms in a proper manner, and the proper care of sick rooms for the best good and comfort of the patient; in keeping all utensils and appliances perfectly clean and disinfected; in making accurate observations of the pulse, temperature, respiration, expectorations, the secretions, state of the skin and eruptions; of mental condition as to delirium, stupor, shock, etc.; of the condition as to sleep, appetite, effects of diet or of stimulants and medicines; the behavior of wounds and the after-treatment in surgical operations; and in the managing of convalescents. Nurses are taught the administering of medicines and the application of external remedies, how to take notes on cases, the making up of the nurses' record, and the reports to the attending doctor.

The three years' course of training includes a preparatory course of three months under a special instructor, followed by a fixed course of instruction from manuals and text books, mainly given by the Superintendent of Nurses, the assistant superintendents of nurses, and graduate head nurses. Lectures and

demonstrations, chiefly upon practical points, are given at stated times by the medical and surgical staff of the hospital. While the instruction by the manuals, text books, lectures, demonstrations, quizzes and models is considerable, the main reliance is upon accurate daily drill in the wards, operating rooms, and other departments of the hospital. Examinations, both oral and written, are held from time to time by the authorities of the school, and nurses will not be graduated unless they attain, on critical marking, at least 70 per cent.

The pupils are employed as assistant nurses in the wards, operating rooms, Out-Patient Departments of the hospital, and the two Relief Stations. They are given eight months' training in medical wards, eight months in surgical wards, six months in contagious wards, four months in gynæcological wards, four months in a maternity hospital and from three to six months elective. No class recitations or lectures are given between July 1 and October 1 except to the probation class.

Probationers are not paid during their first two months, but for the remaining ten months of the first year they receive \$5 a month, for the second year \$8.33 a month, and for the third year \$12.50 a month while on duty in the hospital, to pay for the expenses of their uniform, personal clothing and other minor requirements.

While on duty in a maternity hospital they will receive the allowance provided by the hospital to which they are assigned. This sum is in nowise intended as wages, it being considered that their education during this time is a full equivalent for their services. When the term of three years is completed the nurses receive, if they pass all the examinations, and are otherwise satisfactory, a diploma certifying to the regular course of training and practice, and are then permitted to wear the graduate's badge of the school.

The majority of graduates engage in private nursing, but some are invited to remain in the service of the hospital as head nurses, with opportunities of promotion here or in other hospitals. Graduate head nurses who prefer to remain in hospital work, or return after a term of private nursing, are given post-graduate instructions in ward management, hospital housekeeping and minor administration, fitting them to fill positions of trust in hospitals or other institutions.

The school year has no fixed date, but accepted candidates are, as a rule, received in classes beginning every three months. Those desiring to enter with less delay can sometimes anticipate a fixed date by placing themselves on the emergency list. When coming to the hospital they should bring with them the following articles: Three gingham or calico dresses, made plainly; eight large white aprons, made of bleached cotton, two yards wide, meeting in the back, with bibs, without straps, plain at the top and gathered slightly at the bottom, two pearl studs on the band, two inches wide, with hem at bottom five inches in depth, and two inches from the bottom of the dress; two bags for soiled clothes; one pair of scissors, a pin-ball, and a plain napkin ring with nurse's name; a good supply of plain underclothing — every article to be distinctly marked with pen and indelible ink, with the owner's name. Twenty-one pieces are allowed for the laundry each week.

Nurses must bring suitable outer garments for stormy weather, and they are required to wear boots that will be purchased on prescription of our orthopedic surgeon, after coming to the hospital. If the teeth are out of order in any way, they must receive attention before coming for the probationary month. Nurses are required to wear the training school uniform after they join the school. Material for dresses will be sold at cost price; caps are furnished at a nominal price. Probationers should come prepared, on acceptance, to expend about \$20 for uniforms, books and other needful expenses.

Hours of duty for day nurses will vary from six to twelve hours between the hours of 7 a. m. and 8 p. m.; for night nurses, from 8 p. m. to 7 a. m. No nurse is required to do both day and night duty on the same day, except in rare emergencies. Each nurse on day duty is allowed one hour after 1.30 o'clock p. m. for rest and recreation; one-half day, after 1.30 p. m., each week, and four hours on Sunday. Two weeks' vacation with pay is allowed each year, and one week without pay as leave of absence during the third year. If nurses are sick they are cared for in the hospital, but pay is stopped, except for illness or injury received in the line of duty. Pupils may be expected to have a percentage of any considerable time lost by illness or absence added to their three years, at the discretion of the management. Nurses on night duty are required to be in bed from

9 a. m. until 4 p. m. Nurses may be called upon for six months' regular night duty during the three years' training, besides "special cases" to a limited number.

COURSE OF INSTRUCTION.

I. PROBATIONERS' COURSE.

The first week the probation class meets in the practice room daily for practical instruction in the making of beds, including the use of bed rests, cradles, etc.

The care of rooms, sweeping and dusting.

Care of set bowls, wall stands and utensils.

Care of linen rooms, the folding of linen.

The use of hot and cold applications, including the making of fomentations and poultices.

The care of rubber goods.

The making of surgical supplies, pads, sponges, tampons, etc.

The use of slings, binders and supports.

During this time the class is instructed in the use of antiseptics, disinfectants and deodorants, and the preparation of solutions.

Tables of weights and measures.

The use of abbreviations and symbols.

The principles of ventilation.

The temperature of the body. Heat production and radiation.

The use of the clinical thermometer and charts.

The giving of baths, care of the back, mouth, etc.

From the seventh (7th) to the tenth (10th) day allowed to go to the wards, make beds, sweep, dust and fold linen (hours from 7 to 10.30 a. m.).

The tenth (10th) day assigned to wards for regular duty, and during the remaining weeks of the probation course three hours each day will be devoted to class and practice room work, with one additional hour for recreation.

Total Hours of Study and Ward Work in Three Months' Probation.

Anatomy, Physiology and Hygiene	66 hours.
Practical Nursing and Practice Room	126 "
Materia Medica and Nursing Ethics	24 "
Lectures	12 "
Ward Work	481 "

I. FIRST YEAR.

Fever Nursing. Wilson	12 recitations.
Principles of Nursing. Hampton-Robb	12 “
Lectures by Physicians and Surgeons	37
Ward Clinics: Medical, Surgical, Gynæcological and Infectious.	

II. SECOND YEAR.

Nurse's Handbook of Obstetrics. Cooke	12 recitations.
Materia Medica	12 “
Special Instruction in Bacteriology	6 exercises.
Instruction in Practical Asepsis in Operating Rooms.	
Massage	6 recitations.
Special Lectures in Obstetrics	6
Obstetrical Course (4 months).	

III. THIRD YEAR.

Invalid Cooking	8 recitations.
Medical and Surgical Clinical Teaching by Paid Instructors.	
General Review of Course	12 recitations.
Elective Work in Operating Rooms, Out- Patient Departments, Relief Stations, Con- tagious Wards and Housekeeping Depart- ment.	

An excellent reference library is open to nurses for more extended reading upon subjects under consideration.

LIST OF LECTURES AND SUBJECTS.

A lecture is given to the Training School on Fridays, at 4 p. m., in the Operating Amphitheater, by a member of the Medical and Surgical Staff, once a week between September 15 and June 30. The following are among the lectures given at various periods during the training:

Three.—Theory of wounds: Modes of healing, granulations, ulcers, cellulitis, suppuration, sloughs, erysipelas, pyæmia, gangrene, sepsis, etc. (with stereopticon).

Six.—Bacteriology, brief history and general theory: Micro-organisms; general distribution in air, water, etc. Elementary consideration of pathogenic and non-pathogenic micro-organisms. Exhibition of apparatus and cultures. Practical points for nurses.

Two.—Surgical anatomy and landmarks, hæmorrhages, etc.

One.—Fractures: Varieties, preparation and care of splints and apparatus for treatment, management of cases, etc.

Three.—Medicines: Avenues of taking; preparation of doses; classes of internal and external poisons; cautions; hospital formulæ.

One.—Nursing in fevers: Theory of fever, symptoms and course of, different plans of treatment, nurses' duties as to symptoms, bed, clothing, secretions, baths, food and management of cases.

Four.—Infectious fevers, especially diphtheria and scarlet fever: Symptoms and course of disease; complications; infection and contagion; special nursing in croup, laryngitis, tracheotomy, intubation, etc.; management of patient, and surroundings; personal hygiene of nurse in attendance, etc.

Two.—Symptomatology in disease: What and how to observe accurately; vital organs and special symptoms. The model sick room; temperature, light, ventilation, care of bed, bedding and clothing, furniture, utensils, disinfectants, cleansing, dusting, etc.

Three.—Care of children in health and disease: Diet and clothing of infants and children; various infantile diseases.

Two.—Physiology of pregnancy and labor: Delivery; confinement nursing.

One.—On gynæcological nursing: Preparation of patient for examination or operation; operations after treatment, douches, use of catheter, etc. (Demonstrations to sections of senior nurses in Ward S operating room.)

One.—Special nursing in nervous diseases, including the insane.

One.—Special nursing in diseases of the eye, and general care in health and disease.

One.—Special nursing in diseases of the ear, its care in health and disease; nurses' duties at operations and continued treatment in disease.

One.—Urine: Characteristics, properties, including taking notes on same, and brief analysis. Drill in laboratory by classes in sections.

Three.—Visceral anatomy: Demonstrations by post-mortems; care of the dead, etc.

One.—Suggestions to those about to engage in private nursing.



THE
BOSTON CITY HOSPITAL
1912

TRUSTEES
A. SHUMAN, PRESIDENT
CONRAD J. RUETER, SECRETARY
FRANCIS J. KEANY, M. D.
WILLIAM G. SHILLABER
JOSEPH P. MANNING

JOHN F. FITZGERALD,
MAYOR

HOUSE RULES.

WITH RULES FOR ADMISSION, GOVERNMENT AND DIS-
CHARGE OF PATIENTS; ALSO RULES FOR VISITORS.

HOUSE RULES.

The doors and gates of the hospital will be closed at ten o'clock in the evening, at which time all inmates shall be quiet and all not on duty shall be in their rooms, unless otherwise specifically permitted.

All officers, nurses and employees of the hospital, when going and coming to and from the hospital, shall enter and go out by the entrance office, and by no other entrance. Such officers and employees as are required shall use the time register and method of booking that the hospital rules require.

A record shall be kept of all persons entering the hospital between the hours of 10 o'clock in the evening and 7.30 o'clock in the morning.

No employee shall be absent from the hospital except when permitted by special rules or by the Superintendent.

No officer, nurse, orderly or other employee shall, directly or indirectly, receive money or other gifts from or in behalf of patients, except with the approval of the Superintendent.

The use of tobacco, wine and intoxicating liquors is prohibited within the hospital, unless prescribed by the physicians or surgeons.

All profane and improper language, loud talking and incivility are prohibited.

All employees shall observe such further rules and directions for their conduct as may from time to time be established.

ADMISSION OF PATIENTS.

Applications for admission of patients may be made at the hospital on each day of the week, Sunday excepted, between nine o'clock a. m. and six o'clock p. m.

Whenever able a patient shall apply in person for admission; when not able to apply in person a patient

may be admitted on application made in his behalf, or upon visit at his residence by the admitting physician.

Persons accidentally wounded, or otherwise disabled or injured, shall be received at all hours.

Patients may be admitted to the privileges of the hospital at such rates of board as the trustees may from time to time by vote determine, payment for such board being secured by the friends of the patients or by the authorities of the cities or towns to which the patients belong.

Whenever, in the opinion of the trustees, the circumstances of the patient will warrant it, the whole or a part of the board shall be paid. If separate apartments, or articles not usually furnished at the hospital, are provided, such payment shall be made therefor as the trustees shall deem reasonable.

No person having acute venereal disease or alcoholism shall be admitted, except as a paying patient.

No person shall be admitted to the hospital whose case is judged to be incurable, unless there be urgent symptoms which are deemed capable of being relieved.

GOVERNMENT OF PATIENTS.

Patients shall implicitly observe all the rules of the hospital.

Patients shall be in their proper places in the wards during the visits of the physicians and surgeons, and always before 7.30 o'clock in the evening, unless specially excused by the Superintendent.

Such free patients as are able shall assist in nursing and perform such other services as may be reasonably required of them.

No patient shall leave the hospital grounds without a pass from the Superintendent, nor leave his ward without the consent of the nurse in charge.

No patient shall purchase, or cause to be purchased for him, any article of food whatsoever, or any other article, without the consent of the Superintendent.

Profane and obscene language, loud talking and incivility are prohibited.

Patients may be visited by clergymen of their own selection, and any wish for the performance of a particular religious rite shall be granted when practicable.

Complaints, for whatever cause, may be made to the Superintendent, and whenever requested shall be by him reported to the trustees.

DISCHARGE OF PATIENTS.

Patients shall be discharged by the Superintendent.

Patients discharged on the recommendation of the visiting physicians or surgeons shall be provided with a certificate stating their condition at the time of discharge, whether cured, relieved or not relieved, which certificate shall be signed by the Superintendent.

Whenever a patient is removed from the hospital without the approval of the Superintendent a written statement to that effect shall be required from any person assuming the responsibility of the removal.

VISITORS.

No person shall visit any part of the premises except on business, or at such times as may be fixed for the reception of visitors, without the permission of the Superintendent or of some one of the trustees.

Daily, from 2 to 3 o'clock in the afternoon, friends may be permitted to visit patients, though no patient shall receive more than two visitors at that hour; and from 6 to 6.30 o'clock on each week day friends may be permitted to visit patients, though no patient shall receive more than one visitor at that hour. In all cases, however, the trustees and Superintendent may exercise discretionary powers as to excluding or admitting visitors.

When visitors are admitted outside of the regular visiting hours they shall not be permitted to remain more than half an hour, except special permission to remain for further time is granted.

All visitors shall leave the hospital when the bell rings at the expiration of the visiting hour.

No visitor shall take any meal in the hospital, or pass the night therein, without permission of the Superintendent or one of the trustees.

No visitor shall be allowed to give any article of food or drink to a patient, unless by permission of the nurse; and any article sent to a patient shall be left at the entrance office.

SPECIAL RULES FOR THE GOVERNMENT OF THE SOUTH DEPARTMENT.

The department of the Boston City Hospital located on the westerly side of Massachusetts avenue shall be designated as the South Department of the Boston City Hospital. It shall receive patients who require treatment for diphtheria, scarlet fever, measles and for other infectious diseases as may be determined from time to time by the trustees.

The Superintendent of the Hospital shall, under the direction of the trustees, have the general control and management of this department in the same manner as of other departments of the hospital.

The rules of the hospital shall, so far as applicable, and except as hereinafter provided, apply to the various officers and employees and to the conduct and management of this department.

SPECIAL RULES FOR THE GOVERNMENT OF THE HAYMARKET SQUARE AND THE EAST BOSTON RELIEF STATIONS.

The Boston City Hospital Relief Stations are established not as hospitals, but as departments of the Boston City Hospital for temporary relief, and the rules and methods prevailing now in the hospital shall, so far as applicable, and not inconsistent with special rules, apply to the Relief Stations.

The stations shall afford temporary relief in all classes of accident and disease. They shall be open at all hours for patients requiring treatment or attention. Patients requiring ward treatment, whether received at the stations or taken up in ambulances, shall, so far as is consistent with their welfare, be forthwith transferred or carried to the hospital for extended treatment, but ward accommodations shall be afforded patients

whose condition is such that they cannot properly be transferred. Patients may, however, if it is deemed desirable, be transferred by the ambulances to other hospitals or to their homes. First treatment may be afforded at the stations, although the applicants are not such as require ward treatment.

The Superintendent of the Hospital shall have the general administration, management and control of the stations, the same as of other departments of the hospital.

The Superintendent shall, from time to time, as may be necessary for each station, nominate for confirmation by the trustees, a Resident Surgeon and one or more Assistant Resident Surgeons, and shall appoint and employ or detail for service in each department, subject to the approval of the trustees or of the proper committees, a Matron, a Supervisor, nurses, orderlies and such other minor employees as may be required for the proper conduct of the station, who shall be subject to his supervision.

The various officers and employees of the station shall perform such duties other than those specified, as may be required by the trustees or the Superintendent, according to the nature of their respective duties. The Resident Surgeons, the Matrons, Supervisors and such other officers as may be so required, shall reside at the stations.

PATIENTS.

Alcoholic and insane patients shall not be received, unless there is surgical or medical complication making hospital treatment absolutely necessary.

No patient, after being admitted to the wards, shall leave the station until his discharge without a pass from the proper officer, nor shall he visit other parts of the station without permission.

Ward patients shall be discharged by the Superintendent or Resident Surgeon.

AMBULANCE SERVICE AT THE HAYMARKET SQUARE RELIEF STATION.

The ambulance service of the station shall be under the direct control of the Resident Surgeon, and shall co-operate with that of the hospital, with which it shall form one general system. Ambulances shall, in response to calls, be dispatched from the station or the hospital as

the exigency may require. The utmost dispatch shall be exercised in the ambulance service, so far as is consistent with a regard for the welfare of the patient and the interest of the public.

Ambulances shall in general be sent from the station or the hospital at least upon a general alarm to all fires occurring in the city proper and in such further districts as may be determined upon.

An ambulance shall be held during the hours of the day in complete readiness to make immediate response to calls, and shall be kept in condition to make prompt response to calls at any time of the night.

A house officer shall accompany the ambulance, shall direct its course and shall have direction of the care and treatment of the patient until received at his destination.

The foreman of the ambulance service at the Hospital Station shall visit and inspect the Ambulance Department of the station from time to time, but the immediate carrying out of directions shall be under the assistant foreman at the station.

SPECIAL RULES FOR THE GOVERNMENT OF THE CONVALESCENT HOME.

The department of the Boston City Hospital located on Dorchester avenue, in Dorchester, shall be known as the Convalescent Home, and shall receive such patients recovering from acute diseases as shall be transferred to it from the main hospital for treatment during convalescence.

The Superintendent of the Hospital shall, under the direction of the trustees, have the control and management of the Convalescent Home in the same manner as of other departments of the hospital.

The Superintendent shall appoint, subject to the approval of the trustees, a Matron, and shall employ, under their direction, such further assistants as may be necessary for the proper conduct and service of the home.

The Matron, under the direction of the Superintendent, shall have the immediate charge of the home and the control of all nurses and other employees and patients. She shall reside at the home.

VISITORS.

Friends may be permitted to visit patients daily between three and four o'clock in the afternoon. In all cases the trustees, Superintendent and Matron may exercise discretionary powers as to excluding or admitting visitors.

Visitors shall leave the home and grounds at the expiration of the visiting hour, and shall visit no part of the home or grounds other than the reception room, except by permission from the proper authority.

No person shall give any article of food or drink to a patient unless by permission of the Matron.

HOSPITAL DEPARTMENT.

OFFICERS AND STAFF.

TRUSTEES.

A. SHUMAN, <i>President</i>	Term expires in 1915.
CONRAD J. RUETER, <i>Secretary</i>	Term expires in 1913.
FRANCIS J. KEANY, M. D.	Term expires in 1912.
WILLIAM G. SHILLABER	Term expires in 1914.
JOSEPH P. MANNING	Term expires in 1916.

MEDICAL AND SURGICAL STAFF.

Surgeon Emeritus.

DAVID W. CHEEVER, M. D.

Consulting Physicians and Surgeons.

Edward H. Bradford, M. D.	M. F. Gavin, M. D.
Thomas M. Rotch, M. D.	Hayward W. Cushing, M. D.
Vincent Y. Bowditch, M. D.	A. L. Mason, M. D.
William P. Bolles, M. D.	Francis S. Watson, M. D.
Abner Post, M. D.	Thomas Amory DeBlois, M.D.

Consulting Pathologist.

William T. Councilman, M. D.

Curator of the Hospital Museum.

Abner Post, M. D.

Superintendent and Medical Director.

John H. McCollom, M. D.

Senior Physicians.

John G. Blake, M. D.	G. B. Shattuck, M. D.
----------------------	-----------------------

Visiting Physicians.

E. M. Buckingham, M. D.	Henry Jackson, M. D.
Francis H. Williams, M. D.	George G. Sears, M. D.
Charles F. Withington, M. D.	John L. Ames, M. D.

First Assistant Visiting Physicians.

H. D. Arnold, M. D.	John W. Bartol, M. D.
Elliott P. Joslin, M. D.	

Second Assistant Visiting Physicians.

William H. Robey, Jr., M. D.	Edwin A. Locke, M. D.
Ralph C. Larrabee, M. D.	Edward N. Libby, M. D.
Franklin W. White, M. D.	Francis W. Palfrey, M. D.

Assistant to the Physicians to Out-Patients.

* John F. Casey, M. D.

Senior Surgeon.

George W. Gay, M. D.

Surgeons-in-Chief.

George H. Monks, M. D.	Paul Thorndike, M. D.
John Baptist Blake, M. D.	

Visiting Surgeons.

Fred B. Lund, M. D.	Edward H. Nichols, M. D.
Howard A. Lothrop, M. D.	

First Assistant Visiting Surgeons.

Frederic J. Cotton, M. D.	William E. Faulkner, M. D.
Joshua C. Hubbard, M. D.	

Second Assistant Visiting Surgeons.

L. R. G. Crandon, M. D.	David D. Scannell, M. D.
Walter C. Howe, M. D.	

Third Assistant Visiting Surgeons.

David Cheever, M. D.	John W. Lane, M. D.
Horace Binney, M. D.	William E. Ladd, M. D.
J. H. Cunningham, Jr., M. D.	Frank H. Lahey, M. D.

* Appointed for six months beginning October 23, 1911.

Senior Visiting Surgeon for Diseases of Women.

Charles M. Green, M. D.

Junior Visiting Surgeon for Diseases of Women.

Franklin S. Newell, M. D.

First Assistant Visiting Surgeon for Diseases of Women.

Ernest B. Young, M. D.

Second Assistant Visiting Surgeon for Diseases of Women.

Nathaniel R. Mason, M. D.

Third Assistant Visiting Surgeon for Diseases of Women.

Robert M. Green, M. D.

Fourth Assistant Visiting Surgeon for Diseases of Women.

* Delbert L. Jackson, M. D.

Visiting Ophthalmic Surgeon.

John C. Bossidy, M. D.

Ophthalmic Surgeons.

Allen Greenwood, M. D.

| Edward R. Williams, M. D.

Peter H. Thompson, M. D.

Assistants to the Ophthalmic Surgeons.

William H. Lowell, M. D.

| H. B. Stevens, M. D.

David A. Heffernan, M. D.

| Henry Hawkins, M. D.

Minot F. Davis, M. D.

| William D. Madden, M. D.

Visiting Aural Surgeon.

George A. Leland, M. D.

Aural Surgeons.

Edgar M. Holmes, M. D.

| Charles R. C. Borden, M. D.

Assistants to the Aural Surgeons.

Henry Tolman, Jr., M. D.

| George H. Powers, M. D.

John J. Hurley, M. D.

THE BOSTON CITY BOSTON MASS.

- A THE BOSTON CITY HOSPITAL [PROVIDE]
- B SOUTH DEPARTMENT [AND CONVALESCENT HOME]
- C OUT PATIENTS DEPARTMENT
- D FOR FUTURE EXTENSIONS
- E AMBULANCE STABLE AND BOILER HOUSE
- F THE CONVALESCENT HOME [AT MILTON LOWER MILLS]
- G THE RELIEF STATION [HAYMARKET SQUARE] 2 1/2 MILES.
- H EAST BOSTON RELIEF STATION

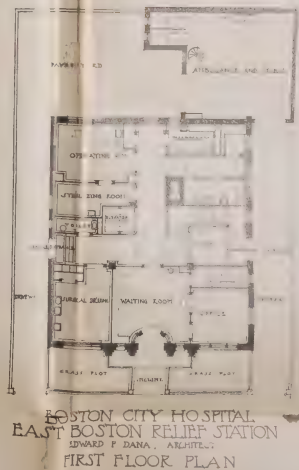
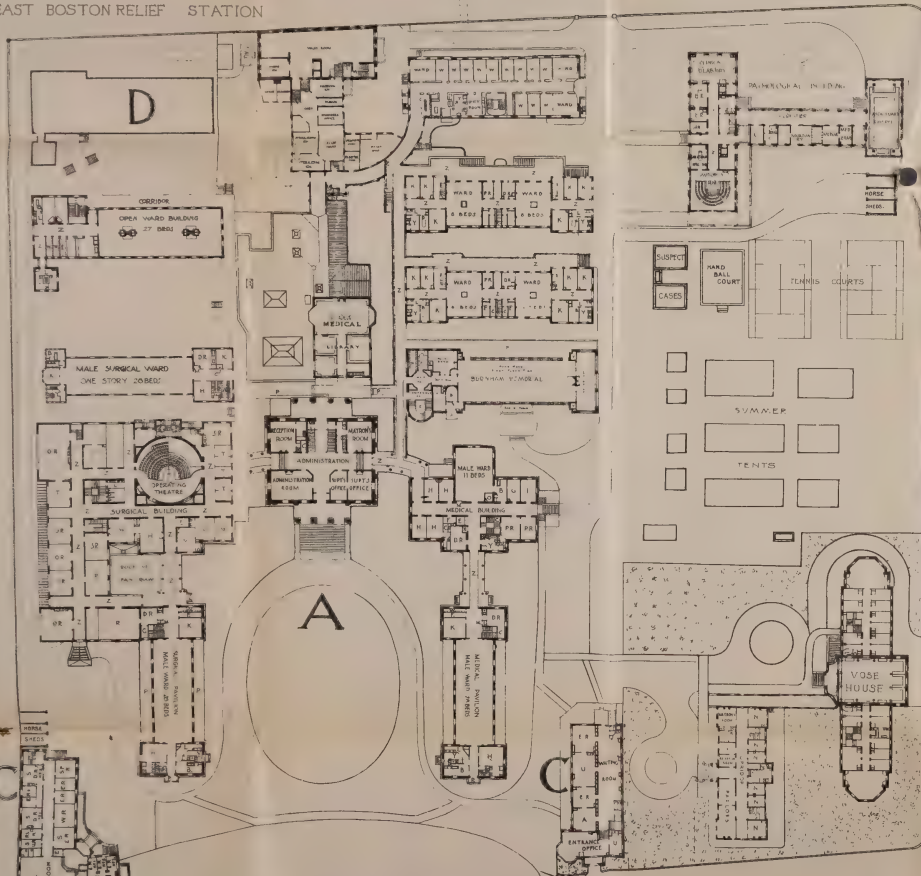
HOSPITAL GROUNDS AND PRINCIPAL FLOOR 1912

TRUSTEES - - - - -
A. SHUMAN, PRESIDENT.
C. R. RUTTER, SECRETARY.
F. J. KEANY, M.D.
WILLIAM G. SHILLABER
JOSEPH F. MANNING

F
4 1/2 MILES.

ALBANY STREET

EAST CONCORD ST.



H

HARRISON AVE

NOTES

THE CLINICAL SCIENCE

THE CLINICAL SCIENCE

D

Surgeon for Diseases of the Throat.

Rockwell A. Coffin, M. D.

Assistants to the Surgeon for Diseases of the Throat.

George L. Vogel, M. D.

| John H. Blodgett, M. D.

Physicians for Diseases of the Nervous System.

Morton Prince, M. D.

| Philip Coombs Knapp, M. D.

John J. Thomas, M. D.

Assistant Physician for Diseases of the Nervous System.

Arthur W. Fairbanks, M. D.

Assistants to the Physicians for Diseases of the Nervous System.

Isador H. Coriat, M. D.

* Walter J. Swift, M. D.

† Albert W. Stearns, M. D.

Electrotherapeutist.

Frank B. Granger, M. D.

Physician for Diseases of the Skin.

Francis J. Keany, M. D.

Assistants to the Physician for Diseases of the Skin.

Arthur P. Perry, M. D.

| T. W. Thorndike, M. D.

William P. Boardman, M. D.

Physician for Infectious Diseases.

John H. McCollom, M. D.

Physician for X-Ray Service.

Francis H. Williams, M. D.

Assistant Physician for X-Ray Service.

Samuel W. Ellsworth, M. D.

* Appointed for six months beginning November 26, 1911.

† Appointed for six months beginning January 29, 1912.

Assistant to the Physician for X-Ray Service.

Ariel W. George, M. D.

Physician for Vaccine and Serum Therapy.

George P. Sanborn, M. D.

Medical Registrar.

William H. Robey, Jr., M. D.

Surgical Registrar.

William E. Faulkner, M. D.

Gynæcological Registrar.

Ernest B. Young, M. D.

Anæsthetists.

John E. Butler, M. D.

| Frank L. Richardson, M. D.

Advisory Staff, South Department.

George W. Gay, M. D.

| George A. Leland, M. D.

John G. Blake, M. D.

| F. B. Mallory, M. D.

Physicians to the Convalescent Home.

John P. Treanor, M. D.

| Robert M. Merrick, M. D.

Henry F. R. Watts, M. D.

HOUSE OFFICERS.

*House Physicians.**House Surgeons.*

(For four months ending March 20, 1911.)

George C. King.

| Robert W. Hinds.

William E. Preble.

| Edward A. Knowlton.

Walter T. Garfield.

| Otto J. Hermann.

*House Physicians.**House Surgeons.*

(For four months ending July 17, 1911.)

William D. Reid.
 Charles F. Gormly.
 Samuel H. Kagan.

Dennis W. Heffernan.
 James J. Hepburn.
 William A. Noonan.

(For four months ending November 20, 1911.)

Ralph D. Leonard.
 Isaac Gerber.
 George V. Cring.

Joseph G. Hegarty.
 Patrick H. O'Connor.
 Matthew P. Mahoney.

(For four months beginning November 20, 1911.)

Burton E. Hamilton.
 Frank M. Howes.
 Yates W. Faison.

Daniel J. Hurley.
 Francis F. Henderson.
 John E. Dodd.

Gynæcological House Surgeons.

(For four months ending March 20, 1911.)

Edgar C. Steinharter.

(For four months ending July 17, 1911.)

Raymond S. Titus.

(For four months ending November 20, 1911.)

Constantine Popoff.

(For four months beginning November 20, 1911.)

Foster S. Kellogg.

Ophthalmic and Aural House Surgeons.

(For six months ending July 3, 1911.)

John F. Cummings.

(For six months ending January 1, 1912.)

Andrew J. Sullivan.

(For six months beginning January 1, 1912.)

Henry P. Cahill.

Neurological House Physicians.

(For four months ending March 6, 1911.)

Alfred A. Fenton.

(For four months ending July 3, 1911.)

P. J. Harkins Dixon.

(For four months beginning November 6, 1911.)

Daniel J. Fennelly.

Dermatological House Physicians.

(For four months ending March 6, 1911.)

P. J. Harkins Dixon.

(For four months ending July 3, 1911.)

Marland H. Eaton.

(For four months ending November 6, 1911.)

Daniel J. Fennelly.

(For four months beginning November 6, 1911.)

Guy D. Tibbetts.

Pathological Senior Internes.

(For six months ending July 3, 1911.)

Richard S. Austin.

(For six months ending January 1, 1912.)

Philip C. Jeans. (Substitute.)

(For six months beginning January 1, 1912.)

Albert A. Hornor, Jr.

*Senior Medical Internes.**Senior Surgical Internes.*

(For four months beginning November 6, 1911.)

Clifton L. Buck.

Frank A. Cummings.

Hollis L. Seavey.

Jacob B. Bruce.

John J. Murphy.

William F. Brady.

Gynæcological Senior Interne.

(For four months beginning November 6, 1911.)

Ralph L. Reynolds.

Neurological Interne.

(For four months beginning November 6, 1911.)

Guy D. Tibbetts.

*Junior Medical Internes.**Junior Surgical Internes.*

(For four months beginning November 6, 1911.)

Henry S. Forbes.

Franklin B. McCarthy.

Paul W. Emerson.

Robert C. Cochrane.

Joseph I. Grover.

Somers Fraser.

Gynæcological Junior Interne.

(For four months beginning November 6, 1911.)

Harold L. Brown.

*Medical Externes.**Surgical Externes.*

(For four months beginning November 6, 1911.)

Alfred E. Johnson, Jr.

Herbert J. Cronin.

Nathaniel M. Cohen.

Arthur B. Shaw.

Robert B. Hunt.

Philip J. Finnegan.

Ophthalmic and Aural Externe.

(For six months beginning January 1, 1912.)

George H. Stone.

Neurological and Dermatological Externe.

(For four months beginning November 6, 1911.)

Joseph A. Thibodeau.

Gynæcological Surgical Dresser.

(For four months beginning November 6, 1911.)

Peter L. Harvie.

HOSPITAL OFFICERS.

John H. McCollom, M. D., *Superintendent and Medical Director.*
Frank H. Holt, M. D., *Assistant Superintendent.*
Arthur J. White, M. D., *First Executive Assistant.*
Edmund W. Wilson, M. D., *Second Executive Assistant.*
James W. Manary, M. D., *Third Executive Assistant.*
F. B. Mallory, M. D., *Pathologist.*
S. Burt Wolbach, M. D., *Assistant Pathologist.*
Alexander M. Burgess, M. D., *First Assistant in Pathology.*
Richard S. Austin, M. D., *Second Assistant in Pathology.*
Charles L. Overlander, M. D., *Assistant in Clinical Pathology.*
Ralph D. Leonard, M. D., *Assistant in the X-Ray Service.*
John Ferrin, *Chief Apothecary.*
Miss Emma M. Nichols, *Superintendent of Nurses and Matron.*
Miss M. Alice McMahon, *First Assistant Superintendent of Nurses.*
Miss Margaret J. Fallon, *Second Assistant Superintendent of Nurses.*
Miss Charlotte A. Brown, *Teacher of the Preparatory Class.*
Miss Della M. Currier, *Night Supervisor of Nurses.*
Miss Mary A. Douglass, *Assistant Matron.*

SOUTH DEPARTMENT.

John H. McCollom, M. D., *Medical Director.*
Edwin H. Place, M. D., *Physician-in-Chief.*
Martin J. English, M. D., *First Assistant Physician.*
Edward F. Brennan, M. D., *Second Assistant Physician.*
Miss Ursula C. Noyes, *Assistant Superintendent of Nurses and Matron.*

House Officers.

(For four months beginning November 6, 1911.)

Henry A. Robinson.	| Edward A. Coates, Jr.
Harold E. Perry.	

HAYMARKET SQUARE RELIEF STATION.

Loring B. Packard, M. D., *Resident Surgeon.*
William J. Brickley, M. D., *Resident Surgeon.*
Miss Rose F. Moran, *Matron.*

House Officers.

(For four months beginning November 6, 1911.)

Samuel H. Kagan. | Charles D. McCann.
George H. Shedd.

EAST BOSTON RELIEF STATION.

Dunlap P. Penhallow, M. D., *Resident Surgeon.*Francis T. Jantzen, M. D., *Resident Surgeon.*Miss Anna L. Gibson, *Matron.*

CONVALESCENT HOME.

Miss Elizabeth C. Fairbank, *Matron.*

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